

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS ☒ WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

DATE FILED MARCH 26, 1998

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-76241

INDIAN

DRILLING APPROVED: APRIL 20, 1998

SPUDDED IN:

COMPLETED: 8-24-98 POW PUT TO PRODUCING: 8-24-98

INITIAL PRODUCTION:

Oil-44 BBL Day-56 MCF Water-55 BBL

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

4609-5593

TOTAL DEPTH:

6150'

WELL ELEVATION:

5189' GA

DATE ABANDONED:

FIELD: UNDESIGNATED

UNIT:

COUNTY: DUCHESNE COUNTY

WELL NO. 9-28-8-17

Tar Sands Federal

API#43-013-32067

LOCATION 2083 FSL

FT. FROM (N) (S) LINE, 679 FEL

FT. FROM (E) (W) LINE.

NE SE

1/4 - 1/4 SEC. 28

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR |
|------|------|------|-------------------|------|------|------|----------|
| 8S | 17E | 28 | INLAND PRODUCTION | | | | |

| | | | |
|-----------------------|-----------------|------------------|-------------------|
| QUATERNARY | Star Point | Chinle | Molas |
| Alluvium | Wahweap | Shinarump | Manning Canyon |
| Lake beds | Masuk | Moenkopi | Mississippian |
| Pleistocene | Colorado | Sinbad | Humburg |
| Lake beds | Sego | PERMIAN | Brazer |
| TERTIARY | Buck Tongue | Kaibab | Pilot Shale |
| Pliocene | Castlegate | Coconino | Madison |
| Salt Lake | Mancos | Cutler | Leadville |
| Oligocene | Upper | Hoskinnini | Redwall |
| Norwood | Middle | DeChelly | DEVONIAN |
| Eocene | Lower | White Rim | Upper |
| Duchesne River | Emery | Organ Rock | Middle |
| Uinta | Blue Gate | Cedar Mesa | Lower |
| Bridger | Ferron | Halgaite Tongue | Ouray |
| Green River | Frontier | Phosphoria | Elbert |
| Garden Gulch MRR 4044 | Dakota | Park City | McCracken |
| Point 3 MRR 4358 | Burro Canyon | Rico (Goodridge) | Aneth |
| Mahner 4625 | Cedar Mountain | Supai | Simonson Dolomite |
| 4861 | Buckhorn | Wolfcamp | Sevy Dolomite |
| 4895 | JURASSIC | CARBON I FEROUS | North Point |
| Wash 4943/95 CR 5028 | Morrison | Pennsylvanian | SILURIAN |
| Stone Cabin 5213 | Salt Wash | Oquirrh | Laketown Dolomite |
| Colton 5459 | San Rafael Gr. | Weber | ORDOVICIAN |
| Flagstaff 5451 | Summerville | Morgan | Eureka Quartzite |
| North Horn | Bluff Sandstone | Hermosa | Pogonip Limestone |
| Almy | Curtis | | CAMBRIAN |
| Paleocene | Entrada | Pardox | Lynch |
| Current Creek | Moab Tongue | Ismay | Bowman |
| North Horn | Carmel | Desert Creek | Tapeats |
| CRETACEOUS | Glen Canyon Gr. | Akah | Ophir |
| Montana | Navajo | Barker Creek | Tintic |
| Mesaverde | Kayenta | | PRE - CAMBRIAN |
| Price River | Wingate | Cane Creek | |
| Blackhawk | TRIASSIC | | |

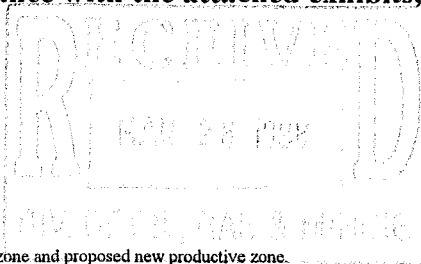
**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | | |
|--|----------------|-------------|---|--------------------|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> | | | 5. LEASE DESIGNATION AND SERIAL NO. U-76241 | |
| 1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/> | | | 6. IF INDIAN, ALOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Inland Production Company | | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866 | | | 8. FARM OR LEASE NAME Tar Sands Federal | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface NE/SE At proposed Prod. Zone 2083' FSL & 679' FEL 636 207 | | | 9. WELL NO. #9-28-8-17 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11.3 Miles southeast of Myton, UT | | | 10. FIELD AND POOL OR WILDCAT Monument Butte | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 679' | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T8S, R17E | |
| 16. NO. OF ACRES IN LEASE 2520 | | | 12. County Duchesne | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | | | 13. STATE UT | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 6500' | | | 20. ROTARY OR CABLE TOOLS Rotary | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5189.1' GR | | | 22. APPROX. DATE WORK WILL START* 3rd Quarter 1998 | |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| Refer to Monument Butte Field SOP's Drilling Program/Casing Design | | | | |

Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "E".

The Conditions of Approval are attached.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. **Regulatory Compliance Specialist**
SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 3/2/98
Cheryl Cameron

(This space for Federal or State office use)

PERMIT NO. 43-013-32067 APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: **Federal Approval of this Action is Necessary**

APPROVED BY Bradley G. Hill TITLE **BRADLEY G. HILL RECLAMATION SPECIALIST III** DATE 4/20/98

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

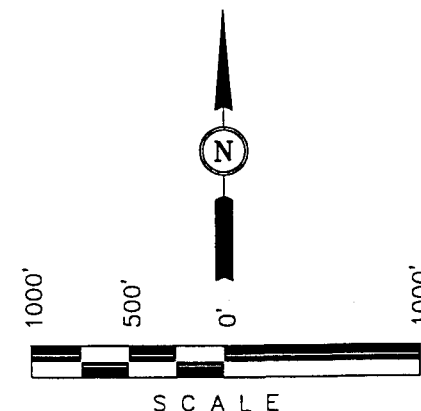
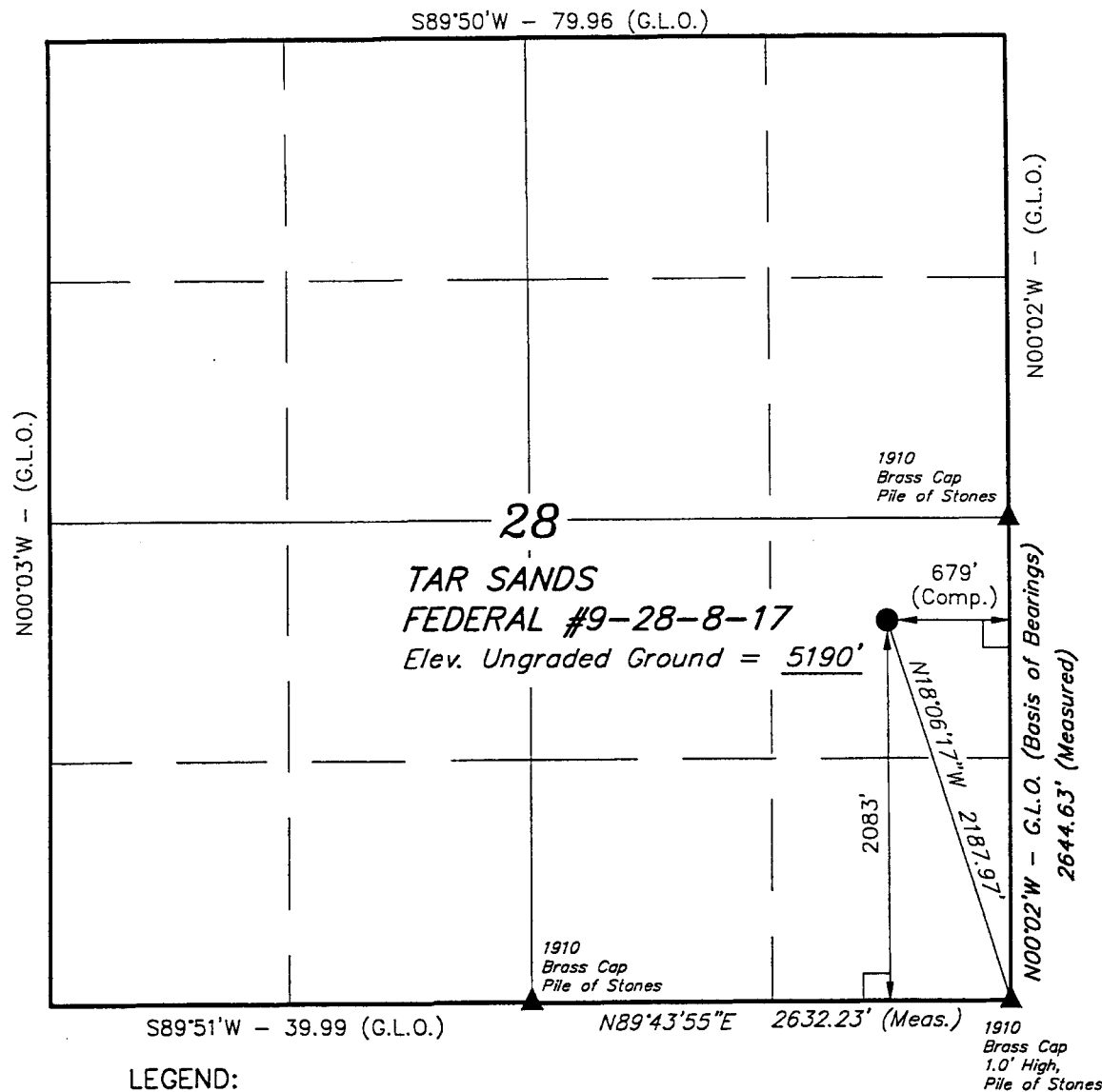
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL
#9-28-8-17, located as shown in the NE
1/4 SE 1/4 of Section 28, T8S, R17E,
S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M86) LOCATED IN THE SW 1/4 OF SECTION
29, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5229 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

161319
KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

| | | |
|--------------------------|-------------------------------|------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 11-14-97 | DATE DRAWN: 2-13-98 |
| PARTY B.B. D.R. D.COX | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE INLAND PRODUCTION CO. | |

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #9-28-8-17
NE/SE SECTION 28, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | |
|-------------|------------|
| Uinta | 0' – 1840' |
| Green River | 1840' |
| Wasatch | 6500' |

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1840' – 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "F".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #9-28-8-17
NE/SE SECTION 28, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #9-28-8-17 located in the NE 1/4 SE 1/4 Section 28, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and UT State Hwy 53; proceed southerly along this road 6.3 miles \pm to its junction with a dirt road to the southeast; continue southeasterly 2.1 miles to its junction with a dirt road to the east; proceed easterly 2.1 to its junction with a dirt road to the northeast; proceed northeasterly 0.3 miles to the beginning of the proposed access road.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP. See Exhibit "E".

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). Refer to Exhibit "E".

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION** *Archaeological Survey & Pipeline ROW*

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Tar Sands Federal #9-28-8-17 for a 3" poly fuel gas line, and a 4" poly gas gatherline line. Both lines will be run on surface, adjacent to the existing road-way; the route will follow existing roads where possible. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Topographic Map "C".

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (435) 789-1866

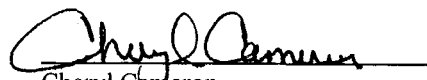
Certification

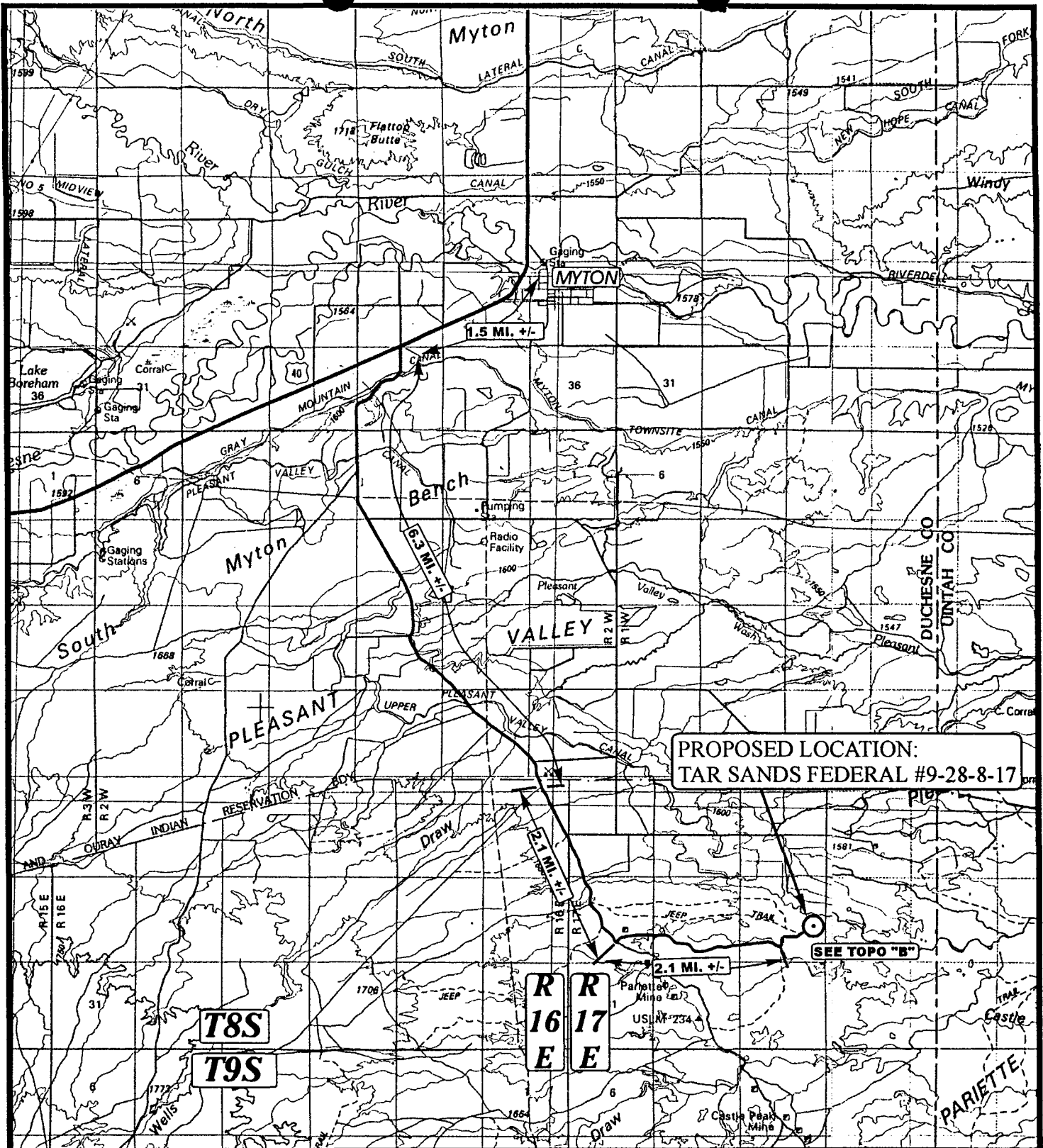
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #9-28-8-17 NE/SE Section 28, Township 8S, Range 17E: Lease U-76241 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/2/98

Date


Cheryl Cameron
Regulatory Compliance Specialist



LEGEND:

○ PROPOSED LOCATION

INLAND PRODUCTION CO.

TAR SANDS FEDERAL #9-28-8-17
SECTION 28, T8S, R17E, S.L.B.&M.
2083' FSL 679' FEL

**U
E
L
S**

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



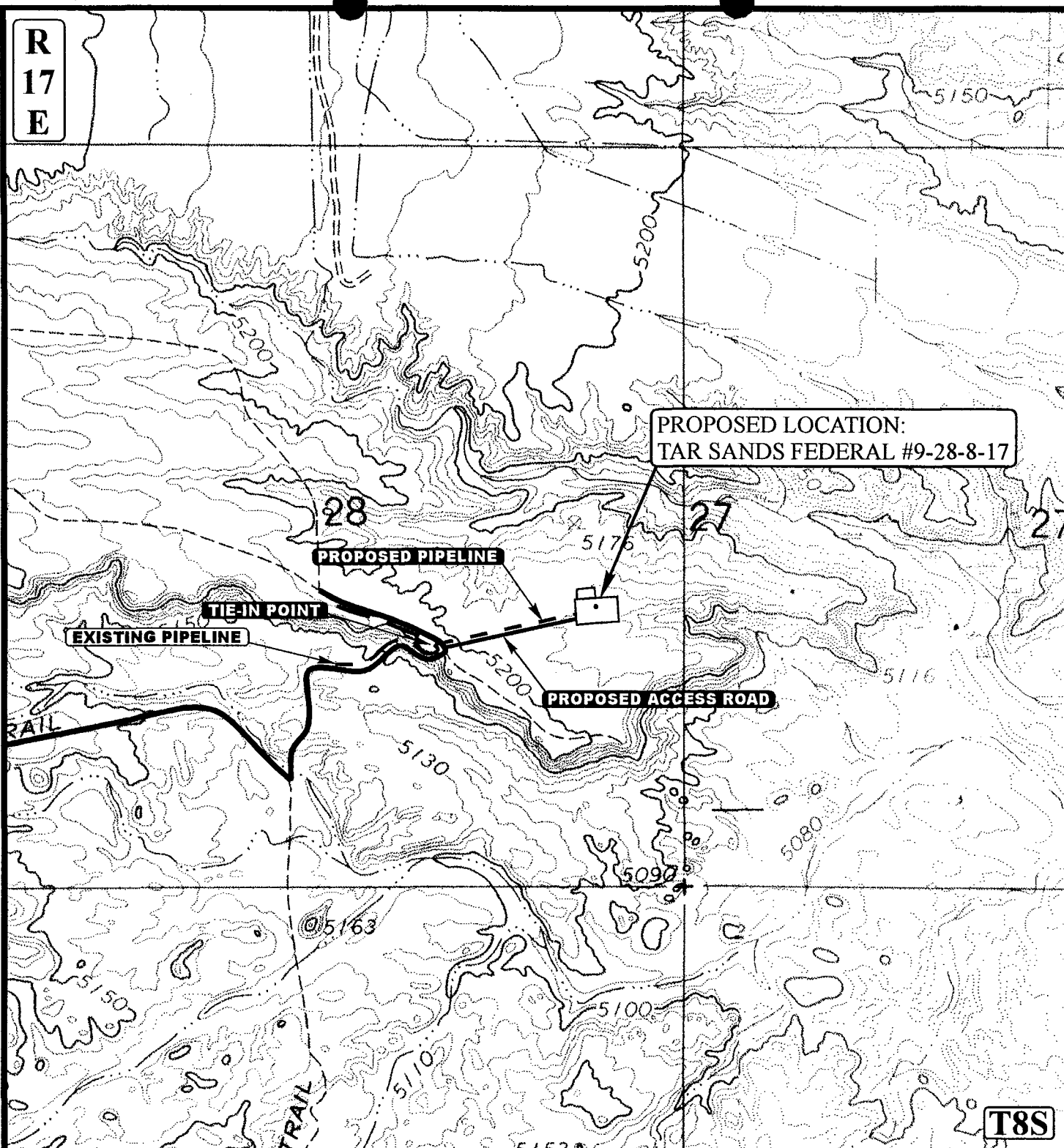
**TOPOGRAPHIC
MAP**

2 12 98
MONTH DAY YEAR

SCALE: 1 : 100,000 DRAWN BY: C.G. REVISED: 00-00-00

A
TOPO

R
17
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 1000' +/-

LEGEND:

- — — — — EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- — — — — PROPOSED ACCESS

INLAND PRODUCTION CO.

TAR SANDS FEDERAL #9-28-8-17
SECTION 28, T8S, R17E, S.L.B.&M.
2083' FSL 679' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



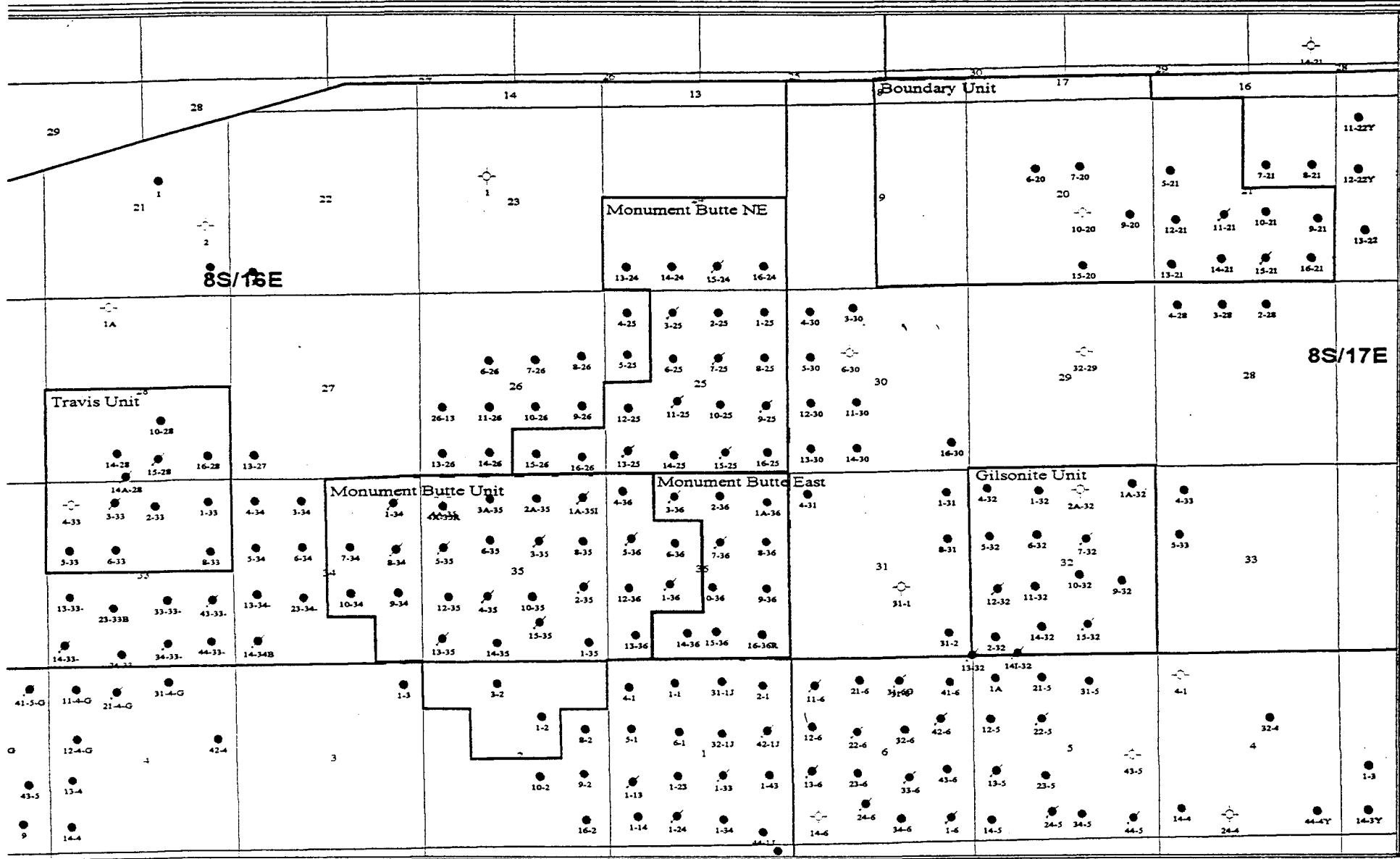
TOPOGRAPHIC
MAP


2 12 98
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00

C
TOPO

EXHIBIT "C"





475 17th Street Suite 1500
 Denver, Colorado 80202
 Phone (303) 292-0900

Regional Area

Duchesne County, Utah

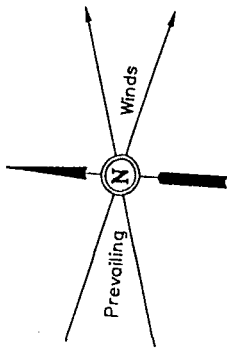
Date: 4/18/97

J.A.

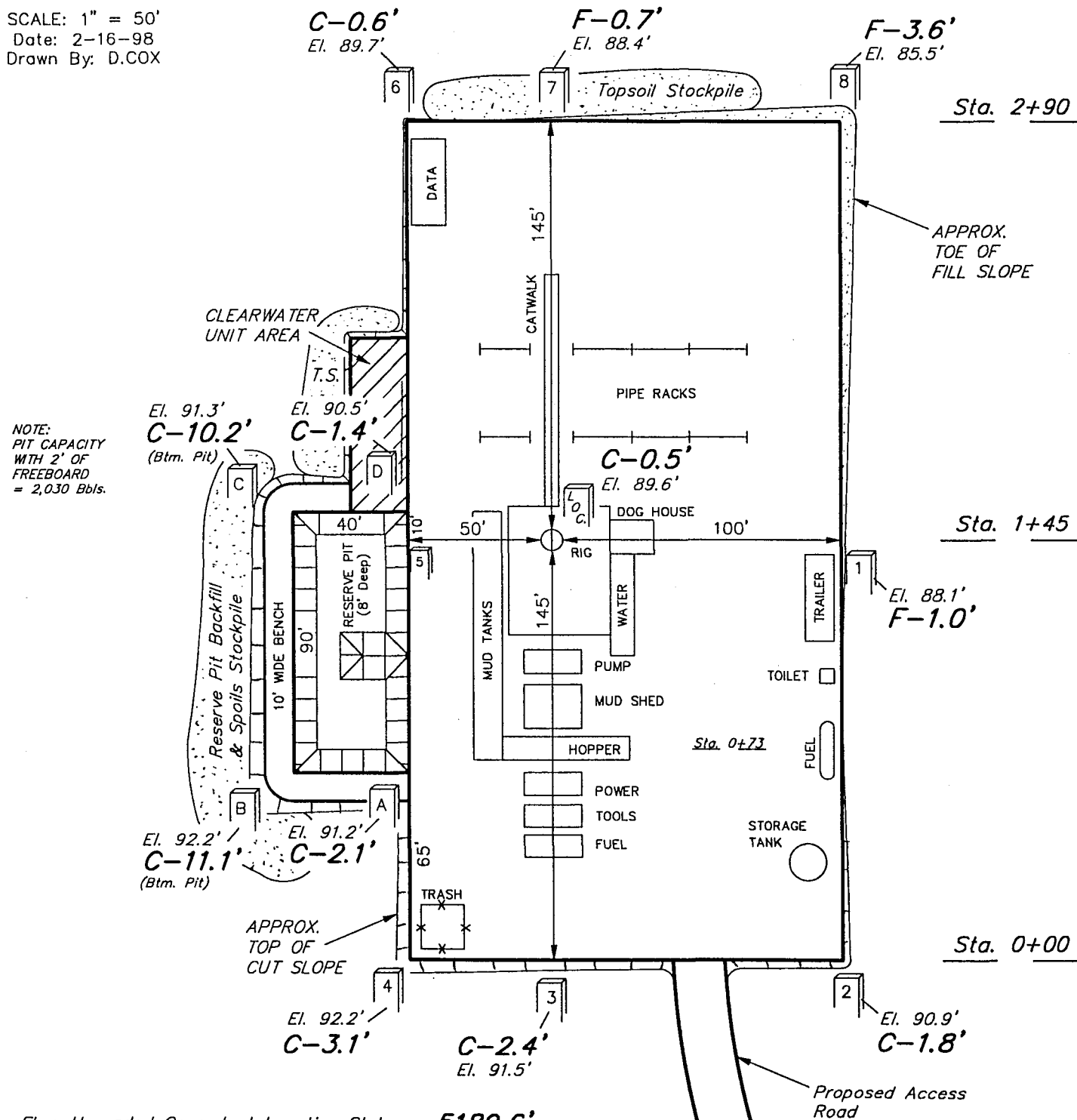
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SANDS FEDERAL #9-28-8-17
SECTION 28, T8S, R17E, S.L.B.&M.
2083' FSL 679' FEL



SCALE: 1" = 50'
Date: 2-16-98
Drawn By: D.COX



Elev. Ungraded Ground at Location Stake = 5189.6'
Elev. Graded Ground at Location Stake = 5189.1'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

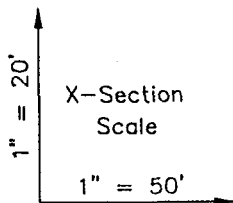
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

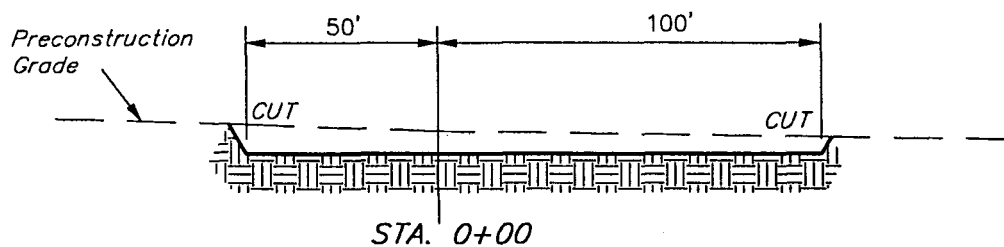
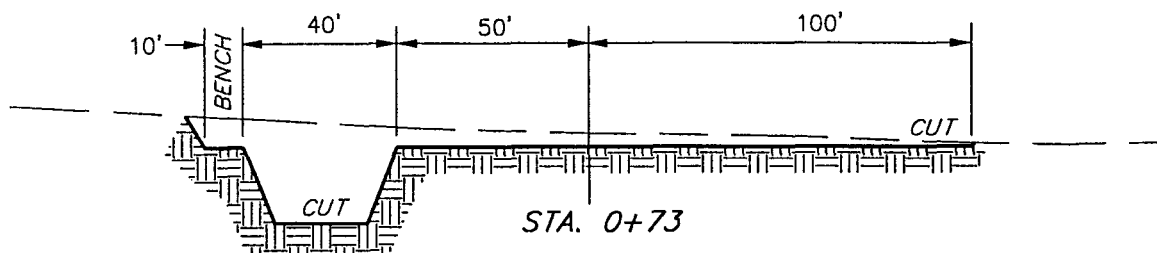
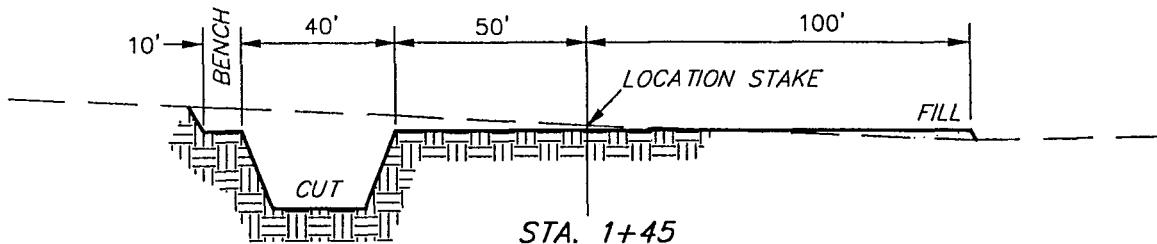
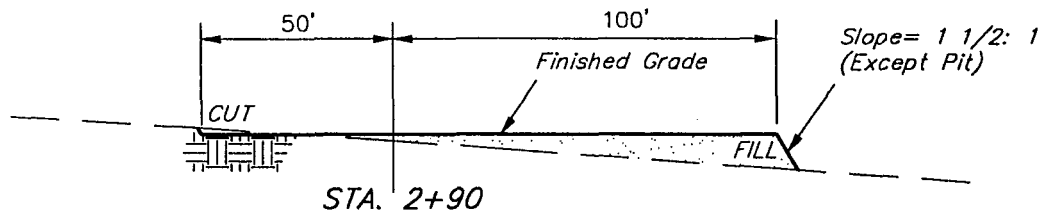
TAR SANDS FEDERAL #9-28-8-17

SECTION 28, T8S, R17E, S.L.B.&M.

2083' FSL 679' FEL



Date: 2-16-98
Drawn By: D.COX



APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 870 Cu. Yds.

Remaining Location = 1,920 Cu. Yds.

TOTAL CUT = 2,790 CU.YDS.

FILL = 1,140 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION = 1,590 Cu. Yds.

Topsoil & Pit Backfill = 1,200 Cu. Yds.

(1/2 Pit Vol.)

EXCESS MATERIAL After = 390 Cu. Yds.

Reserve Pit is Backfilled &

Topsoil is Re-distributed

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

Well No.: Tar Sands 9-28-8-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands 9-28-8-17

API Number:

Lease Number: UTU-76241

Location: NESE Sec. 28, T8S, R17E

GENERAL

Access pad from W, off of existing road.

CULTURAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

PALEONTOLOGICAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

SOILS, WATERSHEDS, AND FLOODPLAINS

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

WILDLIFE AND FISHERIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

BURROWING OWL: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.

FERRUGINOUS HAWK: In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

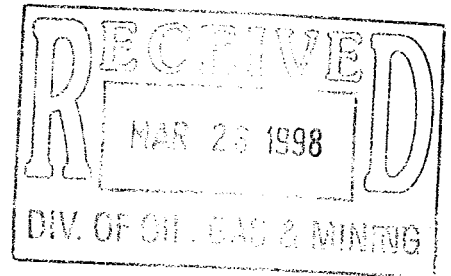
MOUNTAIN PLOVER: If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

OTHER



March 23, 1998

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078



ATTENTION: Ed Forsman
Wayne Bankert

RE: Tar Sands Federal Sec. 28 & 29, T8S, R17E
Tar Sands Federal 7-28, 8-28, 9-28, 10-28, 14-28
Tar Sands Federal 2-29, 3-29, 4-29, 5-29, 6-29, 14-29, 15-29

Gentlemen:

Enclosed are the originals and two copies (each) of the Application For Permit To Drill, for the above referenced locations. Attached to each of the original hard copies, is a copy of the Cultural Resource Block Survey for Sections 28 and 29; the hard copy originals have been previously mailed to Blaine Phillips, for his review.

Please contact me in the Vernal Branch office (801) 789-1866, if you have any questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

State of Utah
Division of Oil Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/26/98

API NO. ASSIGNED: 43-013-32067

WELL NAME: TAR SANDS FED 9-28-8-17
OPERATOR: INLAND PRODUCTION COMPANY (N5160)
CONTACT: _____

PROPOSED LOCATION:
NESE 28 - T08S - R17E
SURFACE: 2083-FSL-0679-FEL
BOTTOM: 2083-FSL-0679-FEL
DUCHESNE COUNTY
UNDESIGNATED FIELD (002)

LEASE TYPE: FED
LEASE NUMBER: U-76241
SURFACE OWNER: _____

INSPECT LOCATION BY: / /

| TECH REVIEW | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

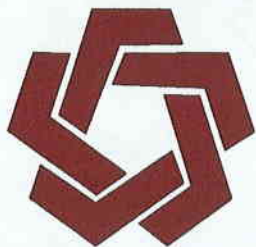
☒ Plat
☒ Bond: Federal[] State[] Fee[]
(No. _____)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. _____)
☒ RDCC Review (Y/N)
(Date: _____)
☒ St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☒ R649-2-3. Unit _____
☐ R649-3-2. General
☐ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Date: _____

COMMENTS: _____

STIPULATIONS: ① FEDERAL APPROVAL



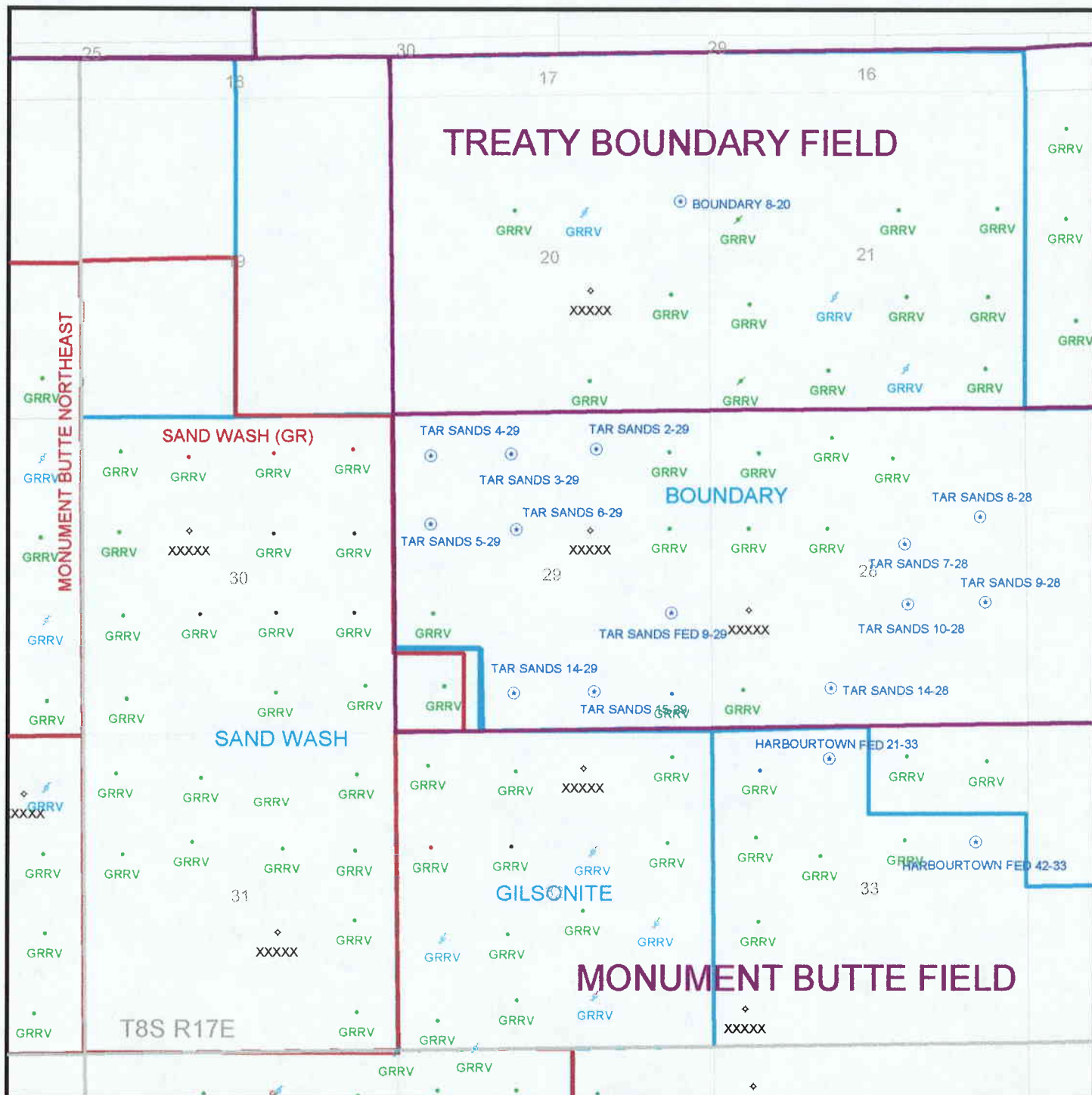
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: UNDESIGNATED (002)

SEC. 28 & 29, TWP. 8S, RNG. 17E,

COUNTY: DUCHESNE UAC: ~~R649-2-3~~ BOUNDARY SECONDARY ^{N/A}



DATE PREPARED:
30-MAR-1998



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 20, 1998

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

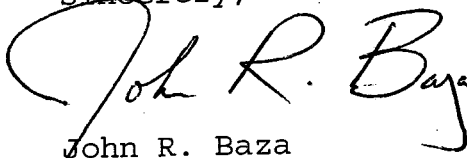
Re: Tar Sands Federal 9-28-8-17 Well, 2083' FSL, 0679' FEL, NE
SE, Sec. 28, T. 08 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32067.

Sincerely,


John R. Baza
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 9-28-8-17
API Number: 43-013-32067
Lease: U-76241
Location: NE SE Sec. 28 T. 08 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or John R. Baza at (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐
 1b. TYPE OF WELL
 OIL ☐ GAS ☐ SINGLE ☐ MULTIPLE ☐
 WELL ☒ WELL ☐ OTHER ☐ ZONE ☐ ZONE ☐

2. NAME OF OPERATOR
Inland Production Company
 3. ADDRESS OF OPERATOR
P.O. Box 790233 Vernal, UT 84079 **Phone: (801) 789-1866**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
 At Surface **NE/SE**
 At proposed Prod. Zone **2083' FSL & 679' FEL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11.3 Miles southeast of Myton, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
679'

16. NO. OF ACRES IN LEASE
2520

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
6500'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5189.1' GR

22. APPROX. DATE WORK WILL START*
3rd Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--|----------------|-------------|---------------|--------------------|
| Refer to Monument Butte Field SOP's Drilling Program/Casing Design | | | | |
| | | | | |

Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "E".

The Conditions of Approval are attached.

RECEIVED

MAR 26 1998

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Cheryl Cameron* TITLE **Regulatory Compliance Specialist** DATE **3/2/98**
Cheryl Cameron

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO. _____ APPROVAL DATE _____

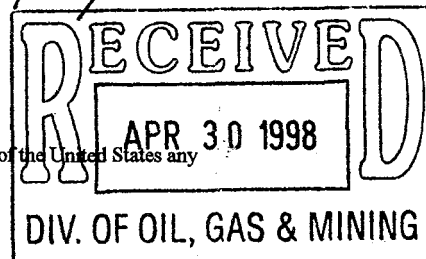
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Theresa R. Clauges* TITLE **Assistant Field Manager Mineral Resources** DATE **4/24/98**

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 9-28-8-17

API Number: 43-013-32067

Lease Number: U-76241

Location: NESE Sec. 028 T. 08S R. 17E

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

SURFACE USE PROGRAM
Conditions of Approval (COA)
Inland Production Company - Well #9-28-8-17

Location Reclamation

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit, and for final reclamation: (All poundages are in Pure Live Seed)

| | | |
|------------------------|------------------------|------------|
| needle and threadgrass | Stipa comata | 3 lbs/acre |
| shadscale | Atriplex confertifolia | 3 lbs/acre |
| fourwing saltbush | Atriplex canescens | 4 lbs/acre |
| western wheatgrass | Agropyron smithii | 2 lbs/acre |

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by as shown on the cut sheet to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

Once the reserve pit is dry, it shall be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: TAR SANDS FEDERAL 9-28-8-17

Api No. 43-013-32067

Section 28 Township 8S Range 17E County DUCHESNE

Drilling Contractor

Rig #

SPUDDED:

Date 6/25/98

Time

How DRY HOLE

Drilling will commence

Reported by MIKE WARD

Telephone #

Date: 6/29/98 Signed: JLT

1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

TAR SANDS FEDERAL 9-28-8-17

9. API Well No.

43-013-32067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2083 FSL 679 FEL

NE/SE Section 28, T08S R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Surface Spud

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

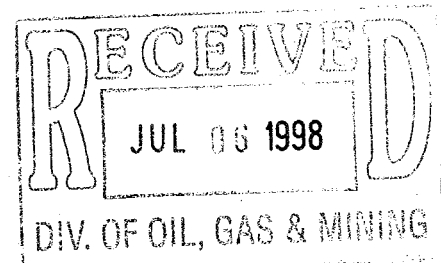
☐

Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-
ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU ZCM Drilling. Drl 12-1/4" sfc hole to 315'. C&C. SPUD WELL @ 1:30 PM, 6/25/98. LD 6 jt DP. Finish LD DP & Hammer. Run 8-5/8" GS, 7 jt 8-5/8", 24#, J-55 ST & C csg (295'). Csg set @ 295'. RU BJ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/120 sx Class "G" w/2% CC, 2% gel, 1/4#/sk Cello Flake (14.8 ppg 1.35 cf/sk yield). Topped off w/15 sx Class "G" w/2% CC (15.8 ppg 1.15 cf/sk yield). RD BJ. RR (winch line). (Will drill MH & RH on 6/29). Drl MH & RH for Big A #46. RDMOL.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

7/2/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: INLAND PRODUCTION CO COMPANY REP: MIKE WARD

WELL NAME TAR SAND FEDERAL #9-28-8-17 API NO 43-013-32067

QTR/QTR: NE/SE SECTION: 28 TWP: 8S RANGE: 17E

CONTRACTOR: BIG ~~WAX~~ DRILLING CO RIG NUMBER: #46

INSPECTOR: DENNIS L. INGRAM TIME: 1:00 PM DATE: 7/15/98

SPUD DATE: DRY: _____ ROTARY: 7/15/98 PROJECTED T.D.: 6150'

OPERATIONS AT TIME OF VISIT: DRILLING AHEAD AT 1404 FEET WITH
MUD MOTOR AND DAP.

WELL SIGN: Y MUD WEIGHT 8.4 LBS/GAL BOPE: Y

BLOOIE LINE: Y FLARE PIT: N H2S POTENTIAL: N

ENVIRONMENTAL:

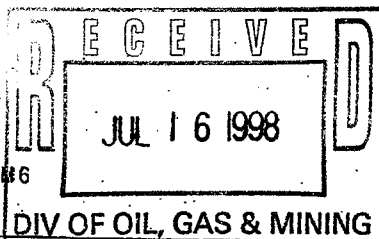
RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y
RUBBER: BENTONITE: SANITATION: (2)

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES,
TESTED BOPE ON 7/14/98. 1300 PSI ON ACCUMULATOR.

REMARKS:

(LAST WELL WAS TSF #10-28, T.D. ON 7/13/98 AT 6150' AND RAN 5
1/2" PRODUCTION CASING). APD AND TEST CHART ARE DISPLAYED IN DOG
HOUSE. LOCATION WAS BUILT AS STATED IN APD WITH RESERVE PIT ON
NORTH SIDE OF LEASE IN CUT.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM #6



OPERATOR Inland Production Company
ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|---------------------------|---------------|----|-----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 12391 | 43-013-32066 | TAR SANDS FED. 10-28-8-17 | NE/SE | 28 | 08S | 17E | Duchesne | 6/24/98 | |

L1 COMMENTS: Spud well w/ 2cm Drilling @ 10:00 a.m., 6/24/98.
Greater Boundary Unit

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|--------------------------|---------------|----|-----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 12391 | 43-013-32067 | TAR SANDS FED. 9-28-8-17 | NE/SE | 28 | 08S | 17E | Duchesne | 6/25/98 | |

WELL 2 COMMENTS: Spud well w/ 2cm Drilling @ 1:30 p.m. 6/25/98.
Greater Boundary Unit

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|---------------------------|---------------|----|-----|-----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 12420 | 43-047-33076 | ODEXIRK SPRING 13-36-8-17 | SW/SE | 36 | 08S | 17E | Uintah | 7/1/98 | |

WELL 3 COMMENTS: Spud well w/ Union Rig #7 @ 2:00 p.m., 7/1/98.
Entity added 7-17-98. See

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|---------------------------|---------------|----|-----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 12391 | 43-013-32065 | TAR SANDS FED. 14-28-8-17 | SE/SW | 28 | 08S | 17E | Duchesne | 6/30/98 | |

L4 COMMENTS: Spud well w/ 2cm Drilling @ 11:00 AM, 6/30/98.
Greater Boundary Unit

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|---------------------------|---------------|----|-----|-----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 12421 | 43-047-33075 | ODEXIRK SPRING 14-36-8-17 | SE/SW | 36 | 08S | 17E | Uintah | 7/1/98 | |

L5 COMMENTS: Spud well w/ Union #7 @ 1:00 p.m., 7/1/98.
Entity added 7-17-98. See

ON CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

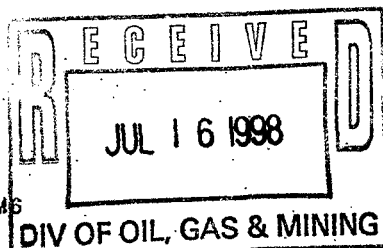
NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature

Engineering Secretary
Title

7/15/98
Date

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6



OPERATOR Inland Production Company
ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|----------------|-----------------------|-------------------|--------------|-------------------------|---------------|----|-----|-----|----------|--------------|-------------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 12391 | 43-013-32069 | Tar Sands Fed 7-28-8-17 | NE/SW | 28 | 08S | 17E | Duchesne | 6/22/98 | |

WELL 1 COMMENTS: Spud well w/ zcm drilling @ 9:00 am, 6/22/98
Greater Boundary Unit

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|----------------|-----------------------|-------------------|--------------|--------------------------|---------------|----|-----|-----|--------|--------------|-------------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 12422 | 43-047-33078 | ODELIER SPRING 7-36-8-17 | SW/NE | 36 | 08S | 17E | Uintah | 6/15/98 | |

WELL 2 COMMENTS: Spud well w/ Union, Rig #7 @ 11:30 am, 6/15/98.
Entity added 7-17-98. Lic

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|----------------|-----------------------|-------------------|--------------|--------------------------|---------------|----|-----|-----|----------|--------------|-------------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 99999 | 12391 | 43-013-32063 | TAR SANDS FED. 3-29-8-17 | NE/SW | 29 | 08S | 17E | Duchesne | 6/15/98 | |

WELL 3 COMMENTS: Spud well w/ zcm drilling @ 11:00 am, 6/15/98
Greater Boundary Unit

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|----------------|-----------------------|-------------------|--------------|---------------------------|---------------|----|-----|-----|--------|--------------|-------------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| A | 99999 | 12423 | 43-047-33077 | ODELIER SPRING 11-36-8-17 | NE/SW | 36 | 08S | 17E | Uintah | 6/23/98 | |

WELL 4 COMMENTS: Spud well w/ Union #7 @ 11:00 am, 6/23/98
Entity added 7-17-98. Lic

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|----------------|-----------------------|-------------------|------------|-----------|---------------|----|----|----|--------|--------------|-------------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| | | | | | | | | | | | |

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith
Signature

Engineering Secretary 7/15/98
Title Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2083 FSL 679 FEL NE/SE Section 28, T08S R17E

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 9-28-8-17

9. API Well No.

43-013-32067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

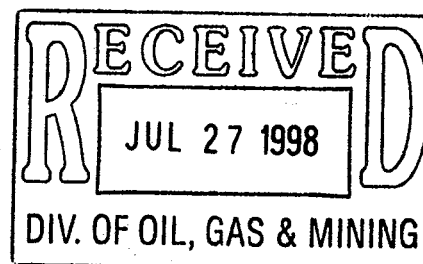
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 7/9/98 - 7/15/98

MIRU. NU. Test BOP's. Had leak in drilling flange. ND to change out flange. Had to run cup pkr to test csg. BLM rep Alan Walker present. PU BHA. Drl plug, cmt & GS. Spud rotary rig @ 3:00 am, 7/15/98. Drl & srvc 327' - 780'.



14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 7/22/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2083 FSL 679 FEL NE/SE Section 28, T08S R17E

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 9-28-8-17

9. API Well No.

43-013-32067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

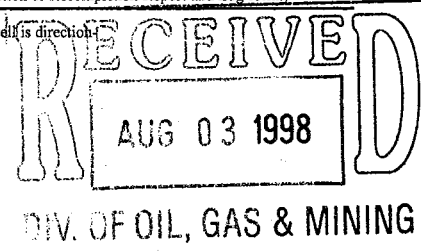
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 7/16/98 - 7/22/98

Drilled 7-7/8" hole w/Big A, #46 from 780' - 6150'.

Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 143 jts 5-1/2", 15.5#, LT & C csg (6129'). Csg set @ 6140'. RD Casers. RU BJ. Circ gas out of hole. Pmp 20 bbl dye wtr & 40 bbl gel w/400# Kol-Seal. Cmt w/380 sx Premium Lite Modified (11.0 ppg 3.42 cf/sk yield) & 380 sx Class "G" w/10% A-10 + 10% Salt (14.4 ppg 1.63 cf/sk yield). Had good returns until losing all returns w/70 of 144 bbl displaced. Reduced rate from 6 BPM to 3-1/2 BPM but had no returns until POB w/1900 psi, 8:15 am, 7/20/98. Lift was 1400 psi @ end of job. RD BJ. ND BOP's. Set slips w/84,000#, dump & clean pits. RD. Rig released @ 12:15 pm, 7/20/98. RDMOL.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

7/29/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2083 FSL 679 FEL NE/SE Section 28, T08S R17E

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 9-28-8-17

9. API Well No.

43-013-32067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

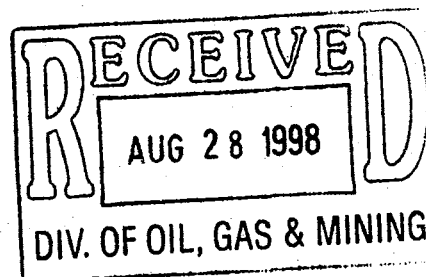
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 8/6/98 - 8/12/98

Perf CP sds @ 5896-5914', 5952-54', 5975-82' & 5986-98'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

8/14/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

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2083 FSL 679 FEL NE/SE Section 28, T08S R17E

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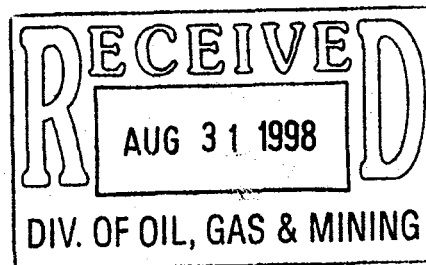
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WEEKLY STATUS REPORT FOR THE PERIOD OF 8/13/98 - 8/20/98

Perf A sds @ 5579-93'.

Perf B sd @ 5425-27' & 5436-46'.

Perf GB sd @ 4609-15'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

8/21/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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WEEKLY STATUS REPORT FOR THE PERIOD OF 8/21/98 - 8/27/98

Pull RBP's.

Run production tbg.

Place well on production @ 1:00 pm, 8/24/98.



OIL AND GAS

| | |
|-----------|---|
| JRB | |
| RJK | ✓ |
| SLS | |
| GLH | |
| DTS | |
| 1CHS | ✓ |
| 2CHS | ✓ |
| MICROFILM | |
| FILE | |

drl ✓

14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Sec

(This space for Federal or State office use)

Approved by _____ Title _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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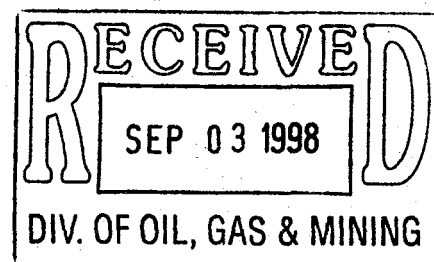
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WEEKLY STATUS REPORT FOR THE PERIOD OF 8/21/98 - 8/27/98

Pull RBP's.

Run production tbgs.

Place well on production @ 1:00 pm, 8/24/98.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

8/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SUBMIT IN D
(See Other
Instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | |
|---|--|--|--|
| 1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ | | 7. UNIT AGREEMENT NAME Greater Boundary | |
| 1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____ | | 8. FARM OR LEASE NAME, WELL NO. TAR SANDS FEDERAL 9-28-8-17 | |
| 2. NAME OF OPERATOR INLAND RESOURCES INC. | | 9. API WELL NO. 43-013-32067 | |
| 3. ADDRESS AND TELEPHONE NO. 410 17th St. Suite 700 Denver, CO 80202 | | 10. FIELD AND POOL OR WILDCAT MONUMENT BUTTE | |
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements*) At Surface NE/SE At top prod. Interval reported below 2083' FSL & 679' FEL At total depth | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 28, T08S R17E | |
| 14. PERMIT NO. 43-013-31941 | | 12. COUNTY OR PARISH DUCHESNE | |
| 15. DATE SPUNDED 6/25/98 | | 13. STATE UT | |
| 16. DATE T.D. REACHED 7/19/98 | | 18. ELEVATIONS (DF, RCD, RT, GR, ETC.)* 5189' GR | |
| 17. DATE COMPL. (Ready to prod.) 8/24/98 | | 19. ELEV. CASINGHEAD | |
| 20. TOTAL DEPTH, MD & TVD 6150' | | 21. PLUG BACK T.D., MD & TVD 6088' | |
| 22. IF MULTIPLE COMPL., HOW MANY* | | 23. INTERVALS DRILLED BY → X | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4609' - 5998' | | 25. WAS DIRECTIONAL SURVEY MADE No | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN DIGL/SP/GR/CAL - CN/CD/GR - CBL 10-29-98 | | 27. WAS WELL CORED No | |

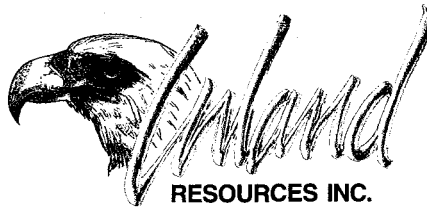
| 23. CASING RECORD (Report all strings set in well) | | | | | |
|--|-----------------|----------------|--|---|-----------------|
| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
| 8-5/8 | 24# | 295' | 12-1/4 | 135 sx Class "G" | |
| 5-1/2 | 15.5# | 6140' | 7-7/8 | 380 sx Premium Lite Modified | |
| | | | | 380 sx Class "G" | |
| 29. LINER RECORD | | | 30. TUBING RECORD | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE |
| | | | | | 2-7/8 |
| | | | | | DEPTH SET (MD) |
| | | | | | EOT @ 6023' |
| | | | | | PACKER SET (MD) |
| | | | | | TA @ 5856' |
| 31. PERFORATION RECORD (Interval, size and number) | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | |
| INTERVAL | SIZE | NUMBER | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | |
| CP 5896'-5914', 5952-54', 5975-82', 5986-98' | 2 SPF | 78 Holes | 5896' - 5998' | 100,500# 20/40 sd in 533 bbls Viking I-25 | |
| A 5579-93' | 4 SPF | 56 Holes | 5579' - 5593' | 96,850# 20/40 sd in 534 bbls Viking I-25 | |
| B 5425-27', 5436-46' | 4 SPF | 48 Holes | 5425' - 5446' | 90,000# 20/40 sd in 490 bbls Viking I-25 | |
| GB 4609-15' | 4 SPF | 24 Holes | 4609' - 4615' | 81,900# 20/40 sd in 431 bbls Viking I-25 | |

| 33.* PRODUCTION | | | | | | | |
|--|------------------------|--|------------------------------|-----------------|-----------------|--|-----------------------|
| DATE FIRST PRODUCTION 8/24/98 | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' RHAC Pump | | | | WELL STATUS (Producing or shut-in) Prod/Telecom/Shannon | |
| DATE OF TEST 10 day ave | HOURS TESTED 9/1/98 | CHOKE SIZE | PROD'N. FOR TEST PERIOD → | OIL--BBL. 44 | GAS--MCF. 56 | WATER--BBL. 5 | GAS-OIL RATIO 1.27 |
| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel | | | | | | TEST WITNESSED BY | |

| | |
|---|--------------------------------|
| 35. LIST OF ATTACHMENTS Logs In Item #26 | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | |
| SIGNED Shannon Smith | TITLE Engineering Secretary |
| DATE 10/27/98 | |

*(See Instructions and Spaces for Additional Data on Reverse Side)

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); | | | | 38. GEOLOGIC MARKERS | | |
|---|-------|--------|-----------------------------|----------------------|-------------|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| Garden Gulch Mkr | 4046' | | | | | |
| Garden Gulch 2 | 4352' | | | | | |
| Point 3 Mkr | 4625' | | | | | |
| X Mkr | 4861' | | | | | |
| Y-Mkr | 4895' | | | | | |
| Douglas Creek Mkr | 5028' | | | | | |
| BiCarbonate Mkr | 5273' | | | | | |
| B Limestone Mkr | 5459' | | | | | |
| Castle Peak | 5857' | | | | | |
| Basal Carbonate | NDE | | | | | |
| Total Depth | 6150' | | | | | |



July 26, 1999

UIC-241

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

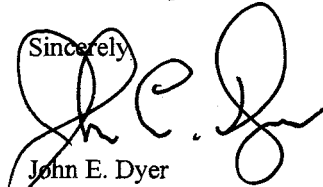
RE: Permit Application for Water Injection Well
Tar Sands #9-28-8-17
Monument Butte Field, Boundary Unit, Lease #U-76241
Section 28-Township 8S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

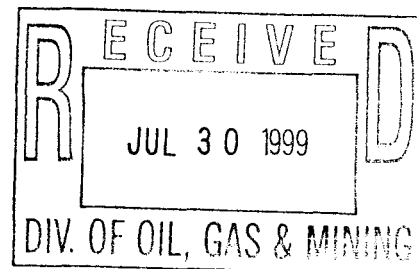
Inland Production Company herein requests approval to convert the Tar Sands #9-28-8-17 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Jon Holst at (303) 893-0102.

Sincerely



John E. Dyer
Chief Operating Officer

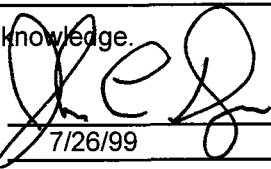


INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
TAR SANDS #9-28-8-17
BOUNDARY UNIT
MONUMENT BUTTE (GREEN RIVER) FIELD
LEASE #U-76241
JULY 26, 1999

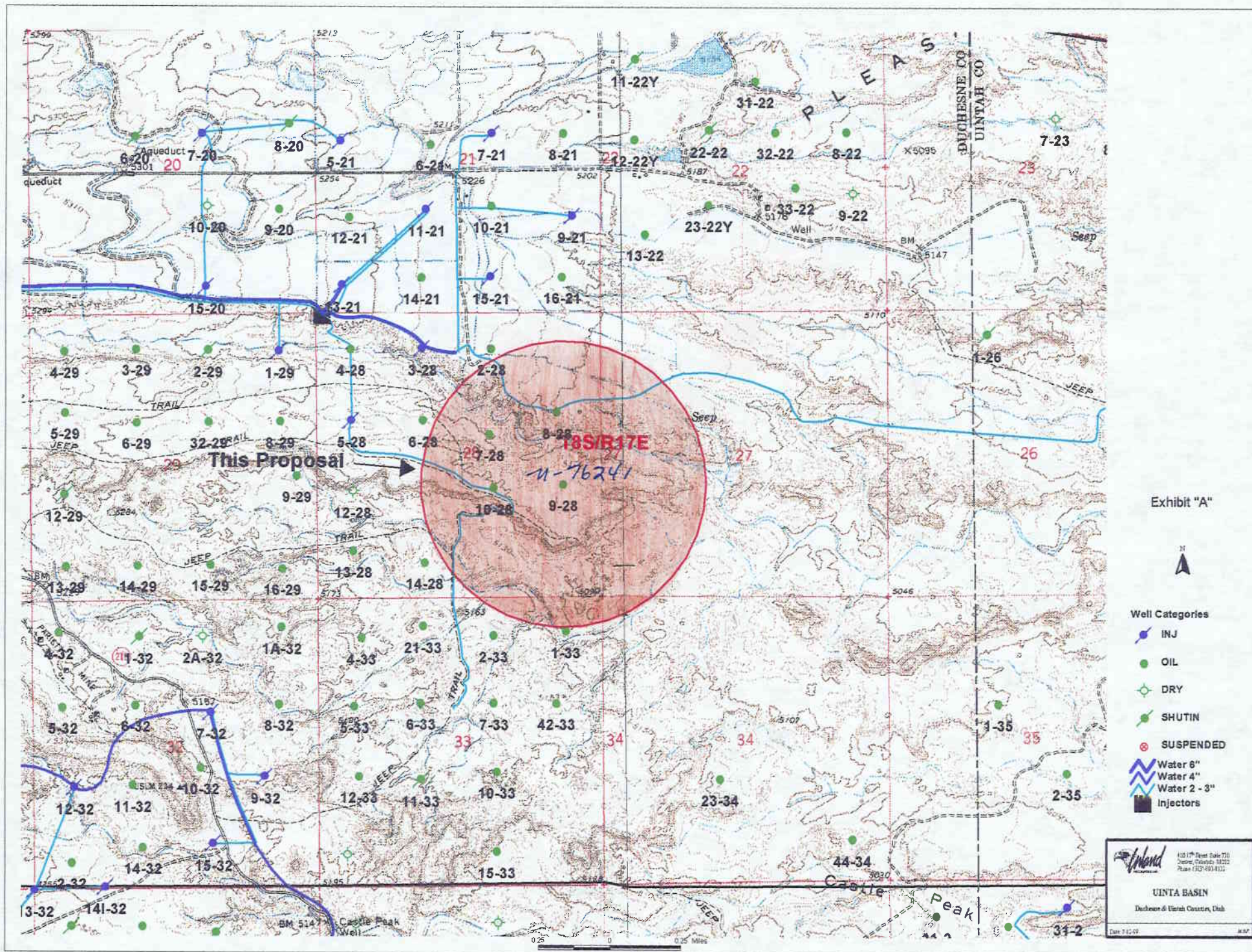
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| COVER PAGE | |
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| WORK PROCEDURE FOR INJECTION CONVERSION | |
| COMPLETED RULE R615-5-1 QUESTIONNAIRE | |
| COMPLETED RULE R615-5-2 QUESTIONNAIRE | |
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| ATTACHMENT A-1 | WELL LOCATION PLAT |
| ATTACHMENT B | LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS |
| ATTACHMENT C | CERTIFICATION FOR SURFACE OWNER NOTIFICATION |
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| ATTACHMENT E-1 | WELLBORE DIAGRAM – TAR SANDS #10-28-8-17 |
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| ATTACHMENT F-1 | WATER ANALYSIS OF THE FLUID IN THE FORMATION |
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| ATTACHMENT G | FRACTURE GRADIENT CALCULATIONS |
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| ATTACHMENT H | WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT |
| ATTACHMENT H-1 | WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL |

APPLICATION FOR INJECTION WELL - UIC FORM 1

| | | | |
|--|--------------------------------|---|--|
| Well Name and number: | | <u>Tar Sands #9-28-8-17</u> | |
| Field or Unit name: | | <u>Monument Butte (Green River)</u> | Lease No. <u>U-76241</u> |
| Well Location: QQ <u>NESE</u> section <u>28</u> township <u>8S</u> range <u>17E</u> county <u>Duchesne</u> | | | |
| Is this application for expansion of an existing project? Yes [X] No [] | | | |
| Will the proposed well be used for: | | Enhanced Recovery? Yes [X] No [] | |
| | | Disposal? Yes [] No [X] | |
| | | Storage? Yes [] No [X] | |
| Is this application for a new well to be drilled? Yes [] No [X] | | | |
| If this application is for an existing well, has a casing test been performed on the well? Yes [X] No [] | | | |
| Date of test: <u>8/10/98</u> | | | |
| API number: <u>43-013-32067</u> | | | |
| Proposed injection interval: from <u>4609'</u> to <u>5998'</u> | | | |
| Proposed maximum injecti rate <u>500 bpd</u> pressure <u>1435</u> psig | | | |
| Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well. | | | |
| IMPORTANT: Additional information as required by R615-5-2 should accompany this form. | | | |
| List of Attachments: <u>Attachments "A" through "H"</u> | | | |
| I certify that this report is true and complete to the best of my knowledge. | | | |
| Name: | <u>John E. Dyer</u> | Signature |  |
| Title | <u>Chief Operating Officer</u> | Date | <u>7/26/99</u> |
| Phone No. | <u>(303) 893-0102</u> | | |
| (State use only) | | | |
| Application approved by _____ | | Title _____ | |
| Approval Date _____ | | | |

Comments:



Tar Sands Federal #9-28

Spud Date: 6/25/98
Put on Production: 8/24/98
GL: 5191' KB: 5201'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295')
DEPTH LANDED: 295'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt, & 15 sxs Class "G".

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (6129')
SET AT: 6140'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Premium modified mixed & 380 sxs class G
CEMENT TOP AT: 390' per cement bond log (Schlumberger)

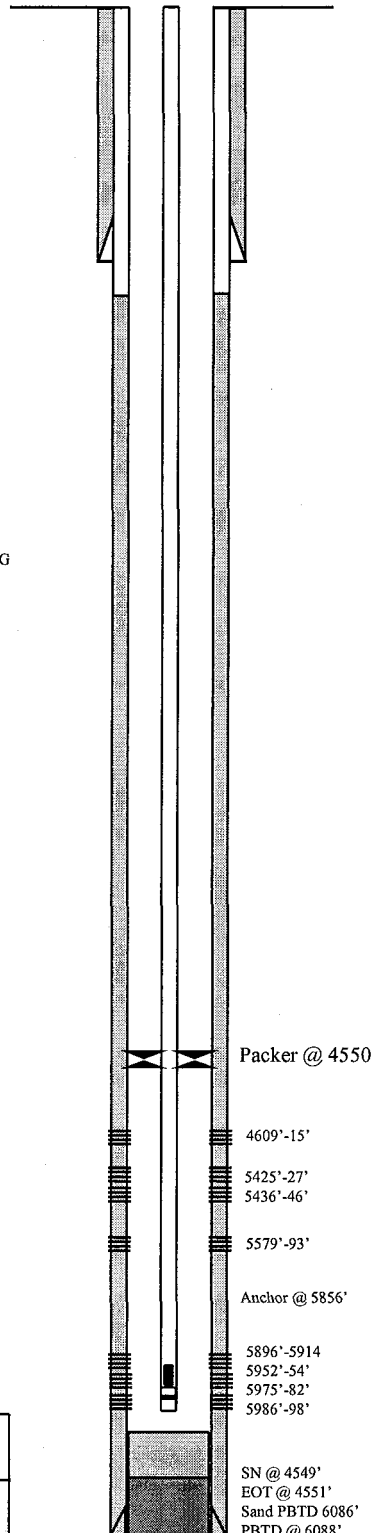
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 136 jts
PACKER: 4550'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: EOT @ 4551'
SN LANDED AT: 4549'

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL
SDL/DSN/GR

Proposed Injection Wellbore Diagram



Initial Production: 44 BOPD;
56 MCFD; 5 BWPD

FRAC JOB

8/12/98 5896'-5998' **Frac CP-1 & CP-2 sand as follows:**
100,500# 20/40 sand in 533 bbls Viking I-25 fluid. Perfs broke back @ 2520 psi. Treated @ avg press of 1070 psi w/avg rate of 32 BPM. ISIP: 1460 psi, 5-min 1380 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

8/14/98 5579'-5593' **Frac A-3 sand as follows:**
96,850# 20/40 sand in 534 bbls Viking I-25 fluid. Perfs broke back @ 3470 psi. Treated @ avg press of 1780 psi w/avg rate of 28.6 BPM. ISIP: 2200 psi, 5-min 2050 psi. Flowback on 12/64 choke for 4 hours and died.

8/17/98 5425'-5446' **Frac B-2 sand as follows:**
90,000# 20/40 sand in 490 bbls Viking I-25 fluid. Perfs broke back @ 3820 psi. Treated @ avg press of 1335 psi w/avg rate of 25.1 BPM. ISIP: 1840 psi, 5-min SI - 1600 psi. Flowback on 12/64 choke for 4 hours and died.

8/19/98 4609'-4615' **Frac GB-6 sand as follows:**
81,900# 20/40 sand in 431 bbls Viking I-25 fluid. Perfs broke back @ 3100 psi. Treated @ avg press of 1970 psi w/avg rate of 24.7 BPM. ISIP: 2420 psi, 5-min SI - 2100 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

PERFORATION RECORD

| Date | Depth Range | Tool Joint | Holes |
|---------|-------------|------------|----------|
| 8/11/98 | 5896'-5914' | 2 JSPF | 36 holes |
| 8/11/98 | 5952'-5954' | 2 JSPF | 4 holes |
| 8/11/98 | 5975'-5972' | 2 JSPF | 14 holes |
| 8/11/98 | 5986'-5998' | 2 JSPF | 14 holes |
| 8/13/98 | 5579'-5593' | 4 JSPF | 56 holes |
| 8/15/98 | 5425'-5427' | 4 JSPF | 8 holes |
| 8/15/98 | 5436'-5446' | 4 JSPF | 40 holes |
| 8/18/98 | 4609'-4615' | 4 JSPF | 24 holes |



Inland Resources Inc.

Tar Sands Federal #9-28

2083 FSL 679 FEL

NESE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32067; Lease #U-76241

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1200 psig and the maximum injection pressure will not exceed 1435 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Tar Sands #9-28-8-17, for proposed zones (4609'-5998') calculates at .679 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1435 psig. See Attachment G through G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Tar Sands #9-28-8-17, the injection zone (4609'-5998') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' within the Monument Butte area. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-3.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Inland Production Company will supply any requested information to the Board or Division.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 295' GL, and 5-1/2", 15.5#, J-55 casing run from surface to 6140' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Tar Sands #9-28-8-17 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Boundary Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the Tar Sands #9-28-8-17 well, the proposed injection zone is from 4609'-5998'. The confining strata directly above and below the injection zones are the top of the Garden Gulch formation and the Basal Carbonate. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Tar Sands #9-28-8-17 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-76241) in the Monument Butte (Green River) Field, and this request is for administrative approval.

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.**
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.**
- 3. Test casing and packer.**
- 4. Rig down, move out.**

T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #9-28-8-17, located as shown in the NE 1/4 SE 1/4 of Section 28, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

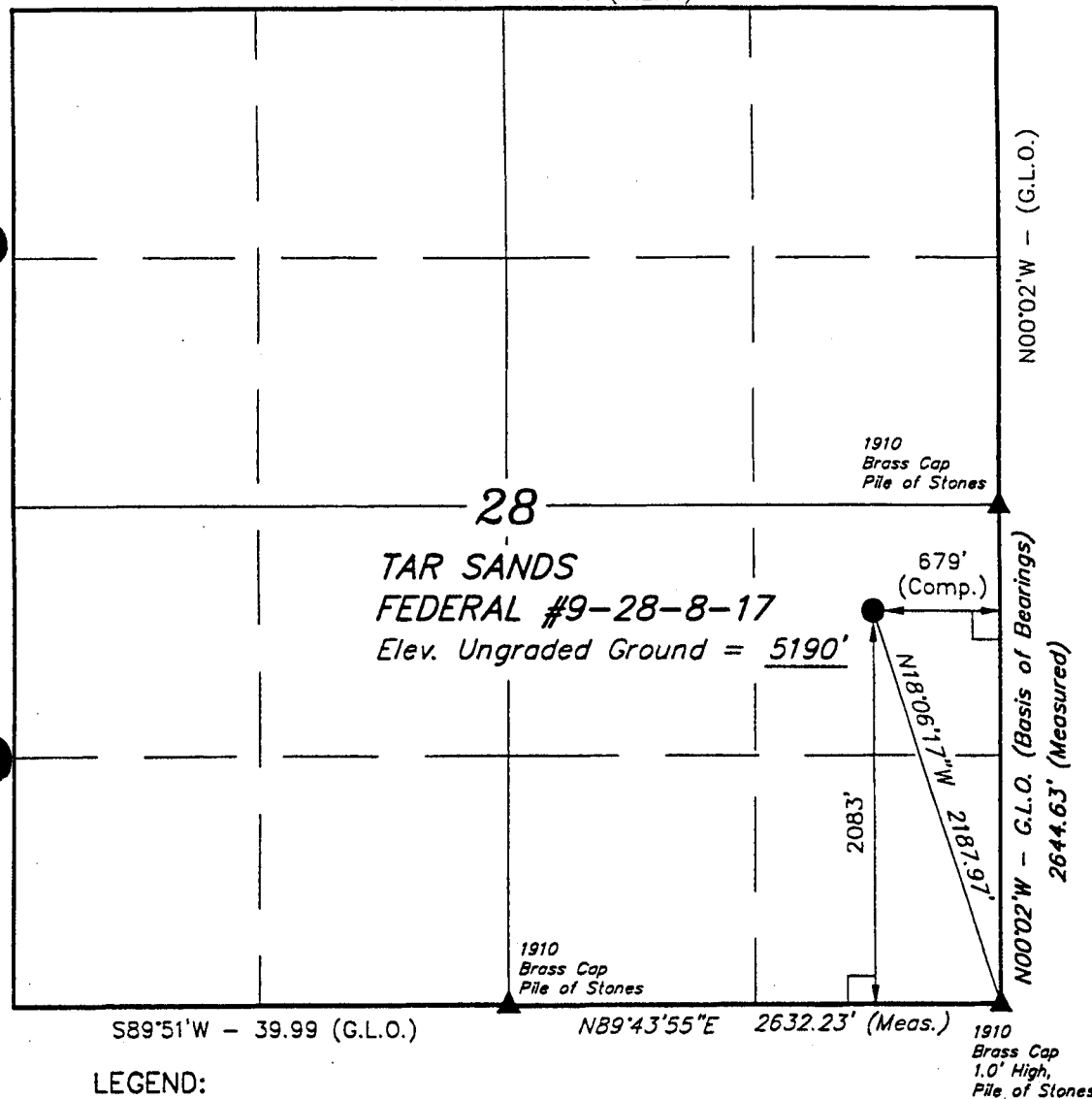
BASIS OF ELEVATION

BENCH MARK (M86) LOCATED IN THE SW 1/4 OF SECTION 29, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5229 FEET.

Attachment A-1

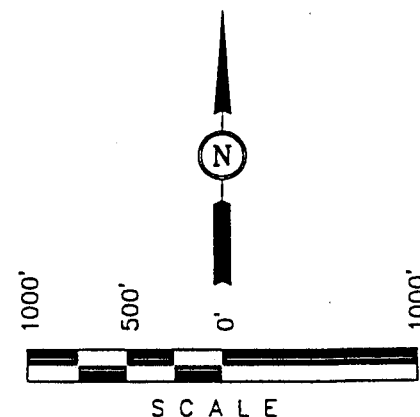
S89°50'W - 79.96 (G.L.O.)

N00°03'W - (G.L.O.)



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

161319
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

| | | |
|--------------------------|-------------------------------|------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 11-14-97 | DATE DRAWN: 2-13-98 |
| PARTY B.B. D.R. D.COX | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE INLAND PRODUCTION CO. | |

EXHIBIT B

Page 1

| # | Land Description | Mineral Ownership & Expires | Minerals Leased By | Surface Rights |
|---|--|--------------------------------|---------------------------|-------------------------|
| 1 | <u>Township 8 South, Range 17 East</u> Section 26: S/2SW/4, SW/4SE/4 Section 27: All Section 28: All Section 33: N/2NE/4 Section 34: N/2, N/2SE/4 | UTU-76241 HBP | Inland Production Company | (Surface Rights) USA |

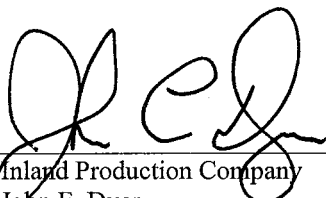
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Tar Sands #9-28-8-17

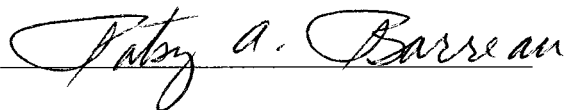
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

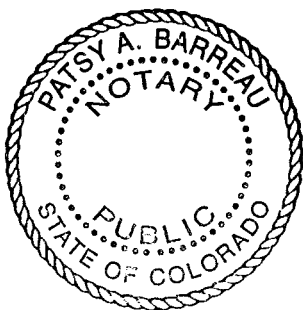
Signed: _____


Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 26th day of July, 1999.

Notary Public in and for the State of Colorado: _____





My Commission Expires 11/14/2000

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

| | | |
|---------------------------------|---|-------------------|
| IN THE MATTER OF THE | : | NOTICE OF AGENCY |
| APPLICATION OF INLAND | : | ACTION |
| PRODUCTION COMPANY FOR | : | |
| ADMINISTRATIVE APPROVAL OF THE | : | CAUSE NO. UIC-241 |
| TAR SANDS 9-28-8-17 WELL | : | |
| LOCATED IN SECTION 28, TOWNSHIP | : | |
| 8 SOUTH, RANGE 17 EAST, S.L.M., | : | |
| DUCHESNE COUNTY, UTAH, AS A | : | |
| CLASS II INJECTION WELL | : | |

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

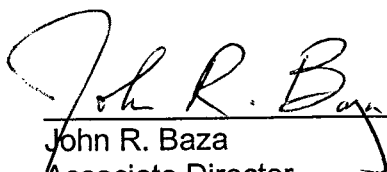
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Tar Sands 9-28-8-17 well, located in Section 28, Township 8 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August 1999.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director

Attachment E

Tar Sands Federal #9-28

Spud Date: 6/25/98
Put on Production: 8/24/98
GL: 5191' KB: 5201'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295')
DEPTH LANDED: 295'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt, & 15 sxs Class "G".

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (6129')
SET AT: 6140'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Premium modified mixed & 380 sxs class G
CEMENT TOP AT: 390' per cement bond log (Schlumberger)

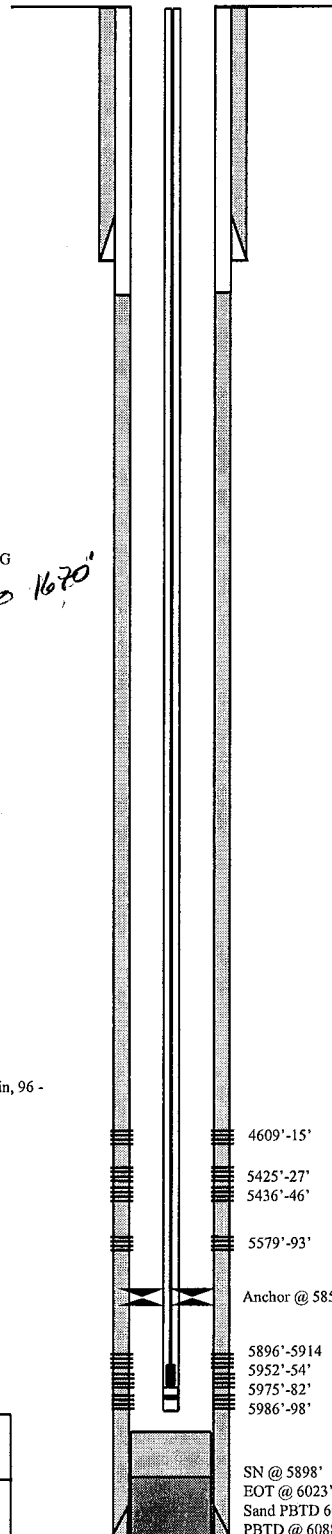
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 180 jts
TUBING ANCHOR: 5856'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: EOT @ 6023'
SN LANDED AT: 5989'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4 - 1-1/2" wt rods, 4 - 3/4" scraped, 134 - 3/4" plain, 96 - 3/4" scraped, 1 - plain rod, 1 - 8', 1 - 4' x 3/4" pony.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC Pump
STROKE LENGTH: 100"
PUMP SPEED, SPM: 8 SPM
LOGS: DIGL/SP/GR/CAL
SDL/DSN/GR

Wellbore Diagram



Initial Production: 44 BOPD;
56 MCFD; 5 BWPD

FRAC JOB

8/12/98 5896'-5998' **Frac CP-1 & CP-2 sand as follows:**
100,500# 20/40 sand in 533 bbls Viking I-25 fluid. Perfs broke back @ 2520 psi. Treated @ avg press of 1070 psi w/avg rate of 32 BPM. ISIP: 1460 psi, 5-min 1380 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

8/14/98 5579'-5593' **Frac A-3 sand as follows:**
96,850# 20/40 sand in 534 bbls Viking I-25 fluid. Perfs broke back @ 3470 psi. Treated @ avg press of 1780 psi w/avg rate of 28.6 BPM. ISIP: 2200 psi, 5-min 2050 psi. Flowback on 12/64 choke for 4 hours and died.

8/17/98 5425'-5446' **Frac B-2 sand as follows:**
90,000# 20/40 sand in 490 bbls Viking I-25 fluid. Perfs broke back @ 3820 psi. Treated @ avg press of 1335 psi w/avg rate of 25.1 BPM. ISIP: 1840 psi, 5-min SI - 1600 psi. Flowback on 12/64 choke for 4 hours and died.

8/19/98 4609'-4615' **Frac CB-6 sand as follows:**
81,900# 20/40 sand in 431 bbls Viking I-25 fluid. Perfs broke back @ 3100 psi. Treated @ avg press of 1970 psi w/avg rate of 24.7 BPM. ISIP: 2420 psi, 5-min SI - 2100 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

PERFORATION RECORD

| Date | Interval | Tool | Holes |
|---------|-------------|--------|----------|
| 8/11/98 | 5896'-5914' | 2 JSPF | 36 holes |
| 8/11/98 | 5952'-5954' | 2 JSPF | 4 holes |
| 8/11/98 | 5975'-5972' | 2 JSPF | 14 holes |
| 8/11/98 | 5986'-5998' | 2 JSPF | 14 holes |
| 8/13/98 | 5579'-5593' | 4 JSPF | 56 holes |
| 8/15/98 | 5425'-5427' | 4 JSPF | 8 holes |
| 8/15/98 | 5436'-5446' | 4 JSPF | 40 holes |
| 8/18/98 | 4609'-4615' | 4 JSPF | 24 holes |



Inland Resources Inc.

Tar Sands Federal #9-28

2083 FSL 679 FEL

NESE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32067; Lease #U-76241

Attachment E-1

Tar Sands Federal #10-28

Spud Date: 6/24/98
Put on Production: 8/19/98
GL: 5207' KB: 5217'

Initial Production: 238 BOPD,
377 MCFPD, 15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 288' (7 jts)
DEPTH LANDED: 288' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt Est 6 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts (6128')
DEPTH LANDED: 6139'
HOLE SIZE: 7-7/8"
CEMENT DATA: 375 sxs Premium mixed & 400 sxs Class 'G'
CEMENT TOP-AT: 241' per KB

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 189 jts
TUBING ANCHOR: 5873'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6001'
SN LANDED AT: 5938'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished
SUCKER RODS: 4 - 1-1/2" weight rods, 4 - 3/4" scraped, 133 - 3/4" plain, 95 - 3/4" scraped, 1 - 8'x3/4" pony rods.
TOTAL ROD STRING LENGTH: ?
PUMP SIZE: 2-1/2 x 1-1/2 x 16' RHAC pump
STROKE LENGTH: 84"
PUMP SPEED, SPM: 8
LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR

FRAC JOB

7/24/98 5906'-5927' **Frac CP-1 sand as follows:**
109,021# 20/40 sand in 565 bbls Viking I-25 fluid. Perfs broke down @ 2428 psi. Treated @ avg press of 1300 psi w/avg rate of 28.2 BPM. ISIP-1750 psi, 5-min 1537 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

7/27/98 5565'-5582' **Frac A-3 sand as follows:**
121,500# 20/40 sand in 586 bbls Viking I-25 fluid. Perfs broke down @ 3100 psi. Treated @ avg press of 1880 psi w/avg rate of 30.3 BPM. ISIP-1980 psi, 5-min 1860 psi. Flowback on 12/64" choke for 3 hours and died.

7/29/98 5417'-5426' **Frac B-2 sand as follows:**
111,800# 20/40 sand in 565 bbls Viking I-25 fluid. Perfs broke down @ 4000 psi, w/ 2nd break @ 1760 psi w/ rate.. Treated @ avg press of 1425 psi w/avg rate of 28.5 BPM. ISIP-2150 psi, 5-min 1700 psi. Flowback on 12/64" choke for 4 hours and died.

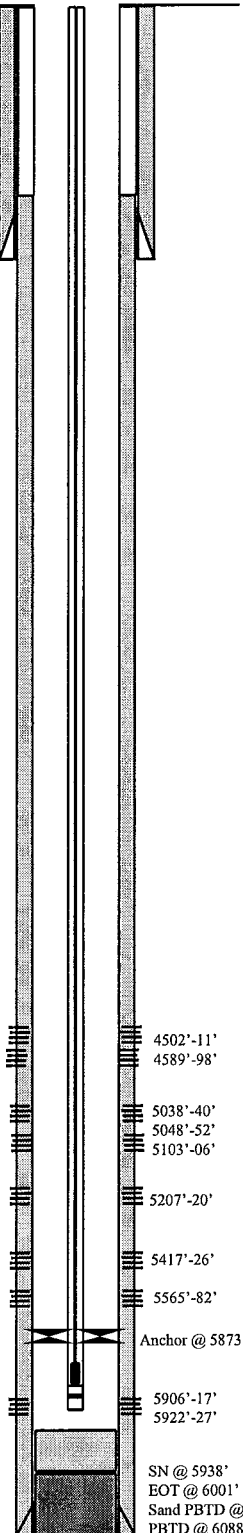
7/31/98 5207'-5220' **Frac C-Sd sand as follows:**
105,400# 20/40 sand in 430 bbls Viking I-25 fluid. Perfs broke down @ 3300 psi. Treated @ avg press of 1650 psi w/avg rate of 24 bpm. With 7# sand @ perfs, slurry pumps began pumping extremely rough. Maximum rate able to pump was reduced to 19 bpm. Pressure began rising quickly. 10 ppg sand was reached @ blender before cutting sand. Flushed 20 bbls before screenout occurred w/9# sand on perfs. Est. 76,100# sand on formation, 29,300# sand left in casing. Flow well back. Rec 5 bbls.

8/3/98 5038'-5106' **Frac D-1 & D-2 sand as follows:**
94,700# 20/40 sand in 495 bbls Viking I-25 fluid. Perfs broke down @ 2100 psi. Treated @ avg press of 2050 psi w/avg rate of 30.5 BPM. ISIP-2920 psi, 5-min 2540 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

8/5/98 4502'-4598' **Frac GB-4 & GB-6 sand as follows:**
118,000# 20/40 sand in 569 bbls Viking I-25 fluid. Perfs broke down @ 3600 psi. Treated @ avg press of 1750 psi w/avg rate of 30.6 BPM. ISIP-2160 psi, 5-min 1700 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

PERFORATION RECORD

| Date | Depth Range | Tool Joint | Holes |
|---------|-------------|------------|----------|
| 7/23/98 | 5906'-5917' | 4 JSPF | 44 holes |
| 7/23/98 | 5922'-5927' | 4 JSPF | 20 holes |
| 7/25/98 | 5565'-5582' | 4 JSPF | 68 holes |
| 7/29/98 | 5417'-5426' | 4 JSPF | 36 holes |
| 7/30/98 | 5207'-5220' | 4 JSPF | 52 holes |
| 8/1/98 | 5038'-5040' | 4 JSPF | 8 holes |
| 8/1/98 | 5048'-5052' | 4 JSPF | 16 holes |
| 8/1/98 | 5103'-5106' | 4 JSPF | 12 holes |
| 8/4/98 | 4502'-4511' | 4 JSPF | 36 holes |
| 8/4/98 | 4589'-4598' | 4 JSPF | 36 holes |



Inland Resources Inc.

Tar Sands Federal #10-28

2025 FSL 1964 FEL

NWSE Section 286-T8S-R17E

Duchesne Co, Utah

API #43-013-32066; Lease #U-76241

Attachment E-2

Tar Sands Federal #8-28

Spud Date: 7/21/98
Put on Production: 8/24/98
GL: 5199' KB: 5210'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. 292'
DEPTH LANDED: 292' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146 jts. (6175')
DEPTH LANDED: 6186' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Premium Lite mixed & 410 sxs Class G
CEMENT TOP AT: *Good Bond to 4060
780% to ~3560'*

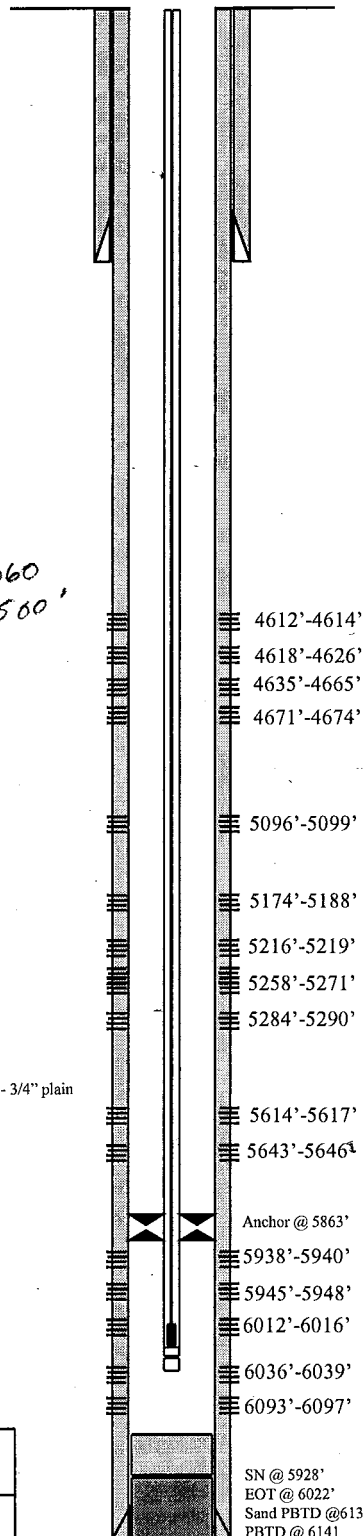
TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 193 jts
TUBING ANCHOR: 5863'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6022'
SN LANDED AT: 5928'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4 - 1-1/2" weight rods, 4 - 3/4" scraped rods, 132 - 3/4" plain rods, 96 - 3/4" scraped rods, 1 - 8', 1 - 6' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 6 SPM
LOGS: DIGL/SP/GR/CAL/CN/CD/CBL-GR

Wellbore Diagram



SN @ 5928'
EOT @ 6022'
Sand PBTD @ 6138'
PBTD @ 6141'
TD @ 6200'

Initial Production: 140 BOPD,
172 MCFPD, 10 BWPD

FRAC JOB

8/13/98 5938'-6097' **Frac CP sand as follows:**
130,600# 20/40 sand in 626 bbl Viking I-25 fluid. Perfs broke down @ 4004 psi. Treated @ avg press of 1520 w/avg rate of 32.3 bpm. ISIP: 1920 psi, 5 min: 1830 psi. Flowback on 12/64 choke for 4 hrs & died

8/14/98 5614'-5646' **Frac A sand as follows:**
119,900# of 20/40 sand in 592 bbls Viking I-25 fluid. Perfs broke down @ 2530 psi. Treated @ avg press of 1700 psi w/avg rate of 28.4 bpm. ISIP: 1800 psi, 5-min 1660 psi. Flowback on 12/64 choke for 4 hours and died.

8/16/98 5096'-5290' **Frac D/C sand as follows:**
142,000# of 20/40 sand in 681 bbls Viking I-25 fluid. Perfs broke down @ 2510 psi. Treated @ avg press of 1855 psi w/avg rate of 37.4 bpm. ISIP: 3780 psi, 5-min 3150 psi. Flowback on 12/64 choke for 2 hours and died.

8/16/98 4612'-4674' **Frac GB sand as follows:**
110,400# of 20/40 sand in 526 bbls Viking I-25 fluid. Perfs broke down @ 2800 psi. Treated @ avg press of 1200 psi w/avg rate of 28.2 bpm. ISIP: 1880 psi, 5-min 1720 psi. Flowback on 12/64 choke for 4.5 hours and died.

PERFORATION RECORD

| Date | Depth Range | Tool Joint | Holes |
|---------|-------------|------------|----------|
| 8/11/98 | 5938'-5940' | 4 JSPF | 8 holes |
| 8/11/98 | 5945'-5948' | 4 JSPF | 12 holes |
| 8/11/98 | 6012'-6016' | 4 JSPF | 16 holes |
| 8/11/98 | 6036'-6039' | 4 JSPF | 12 holes |
| 8/11/98 | 6093'-6097' | 4 JSPF | 16 holes |
| 8/13/98 | 5614'-5617' | 4 JSPF | 12 holes |
| 8/13/98 | 5643'-5646' | 4 JSPF | 12 holes |
| 8/15/98 | 5096'-5099' | 2 JSPF | 6 holes |
| 8/15/98 | 5174'-5188' | 2 JSPF | 8 holes |
| 8/15/98 | 5216'-5219' | 2 JSPF | 6 holes |
| 8/15/98 | 5258'-5271' | 2 JSPF | 26 holes |
| 8/15/98 | 5284'-5290' | 2 JSPF | 12 holes |
| 8/18/98 | 4612'-4614' | 2 JSPF | 4 holes |
| 8/18/98 | 4618'-4626' | 2 JSPF | 16 holes |
| 8/18/98 | 4635'-4665' | 2 JSPF | 60 holes |
| 8/18/98 | 4671'-4674' | 2 JSPF | 6 holes |



Inland Resources Inc.

Tar Sands Federal #8-28

1835 FNL 784 FEL

SENE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32068; Lease #U-76241

Attachment H-1

Tar Sands Federal #9-28

Spud Date: 6/25/98
Put on Production: 8/24/98
GL: 5191' KB: 5201'

Initial Production: 44 BOPD;
56 MCFD; 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295')
DEPTH LANDED: 295'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt, & 15 sxs Class "G".

Proposed P&A Wellbore Diagram

10 sxs Class "G" cmt, 50' to surface

50 sxs Class "G" cement down the 8-5/8"x5-1/2" annulus
to cement 295' to surface

15 sxs Class "G" cmt, 245'-345'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (6129')
SET AT: 6140'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Premium modified mixed & 380 sxs class G
CEMENT TOP AT: 390' per cement bond log (Schlumberger)

25 sxs Class "G" cmt, 2000'-2200'

TUBING

SIZE/GRADE/WT.:
NO. OF JOINTS:
TUBING ANCHOR:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL
SDL/DSN/GR

28 sxs Class "G" cmt,
4509'-4665'

47 sxs Class "G" cmt,
5325'-5643'

4609'-15'

5425'-27'

5436'-46'

5579'-93'

Anchor @ 5856'

5896'-5914'

5952'-54'

5975'-82'

5986'-98'

40 sxs Class "G" cmt, 5796'-6048'

SN @ 5898'
EOT @ 6023'
Sand PBD 6086'
PBD @ 6088'
TD @ 6150'

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 8/11/98 | 5896'-5914' | 2 JSPF | 36 holes |
| 8/11/98 | 5952'-5954' | 2 JSPF | 4 holes |
| 8/11/98 | 5975'-5972' | 2 JSPF | 14 holes |
| 8/11/98 | 5986'-5998' | 2 JSPF | 14 holes |
| 8/13/98 | 5579'-5593' | 4 JSPF | 56 holes |
| 8/15/98 | 5425'-5427' | 4 JSPF | 8 holes |
| 8/15/98 | 5436'-5446' | 4 JSPF | 40 holes |
| 8/18/98 | 4609'-4615' | 4 JSPF | 24 holes |



Inland Resources Inc.

Tar Sands Federal #9-28

2083 FSL 679 FEL

NESE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32067; Lease #U-76241

Attachment E-3

Tar Sands Federal #7-28

Spud Date: 6/22/98
Put on Production: 8/8/98
GL: 5196' KB: 5206'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (292.33')
DEPTH LANDED: 292.83' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class G cmt, est 4.5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 145 jts. (6165')
DEPTH LANDED: 6176' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 360 sxs Premium Lite mixed & 400 sxs Class G
CEMENT TOP AT: Surface per CBL

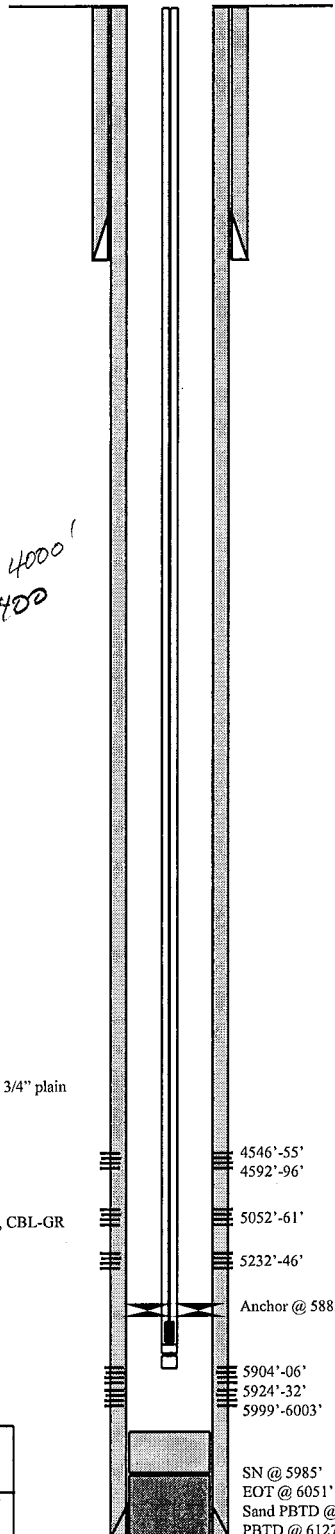
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts
TUBING ANCHOR: 5883'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6051'
SN LANDED AT: 5985'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4 - 1-1/2" weight rods, 4 - 3/4" scapered rods, 135 - 3/4" plain rods, 96 - 3/4" scapered rods. 1 - 8'x3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 9 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Wellbore Diagram



Initial Production: 112 BOPD,
196 MCFPD, 12 BWPD

FRAC JOB

| | | |
|---------|-------------|--|
| 7/29/98 | 5904'-6003' | Frac CP sand as follows: 111,000# of 20/40 sand in 564 bbls Viking I-25 fluid. Prefs broke down @ 2420 psi. Treated @ avg press of 1335 psi w/avg rate of 29.9 bpm. ISIP: 1850 psi, 5-min 1750 psi. Flowback on 12/64 choke for 6 hours and died. |
| 7/31/98 | 5232'-5246' | Frac C sand as follows: 104,500# of 20/40 sand in 531 bbls Viking I-25 fluid. Prefs broke down @ 2920 psi. Treated @ avg press of 1620 psi w/avg rate of 27.8 bpm. ISIP: 2420 psi, 5-min 2200 psi. Flowback on 12/64 choke for 3 hours and died. |
| 8/3/98 | 5052'-5061' | Frac D sand as follows: 93,700# of 20/40 sand in 500 bbls Viking I-25 fluid. Prefs broke down @ 2230 psi. Treated @ avg press of 1580 psi w/avg rate of 26.3 bpm. ISIP: 2350 psi, 5-min 1860 psi. Flowback on 12/64 choke for 3 hours and died. |
| 8/5/98 | 4546'-4596' | Frac GB sand as follows: 104,500# of 20/40 sand in 513 bbls Viking I-25 fluid. Prefs broke down @ 3200 psi. Treated @ avg press of 1700 psi w/avg rate of 28.8 bpm. ISIP: 2000 psi, 5-min 1640 psi. Flowback on 12/64 choke for 3-1/2 hours and died. |

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 7/28/98 | 5904'-5906' | 4 JSPF | 8 holes |
| 7/28/98 | 5924'-5932' | 4 JSPF | 32 holes |
| 7/28/98 | 5999'-6003' | 4 JSPF | 16 holes |
| 7/30/98 | 5232'-5246' | 4 JSPF | 56 holes |
| 8/1/98 | 5052'-5061' | 4 JSPF | 36 holes |
| 8/4/98 | 4546'-4555' | 4 JSPF | 36 holes |
| 8/4/98 | 4592'-4596' | 4 JSPF | 16 holes |



Inland Resources Inc.

Tar Sands Federal #7-28

2237 FNL 2031 FEL

SWNE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32069; Lease #UTU-76241

UNICHEM

A Division of BJ Services

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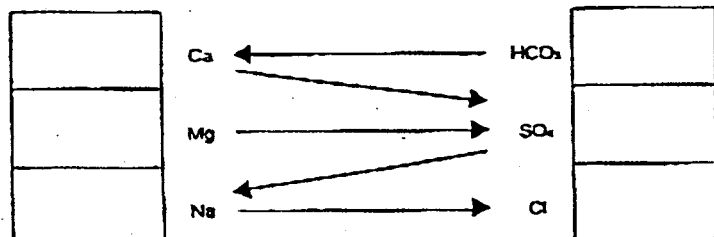
Attachment F

WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water Date Sampled _____ Analysis No. _____
FRESH WATER

| | Analysis | mg/l(ppm) | *Meg/l |
|---|--------------|-----------------------------|--------------------------------|
| 1. PH | <u>7.0</u> | | |
| 2. H ₂ S (Qualitative) | <u>0.5</u> | | |
| 3. Specific Gravity | <u>1.001</u> | | |
| 4. Dissolved Solids | | <u>593</u> | |
| 5. Alkalinity (CaCO ₃) | | CO ₃ <u>0</u> | ÷ 30 <u>0</u> CO ₃ |
| 6. Bicarbonate (HCO ₃) | | HCO ₃ <u>300</u> | ÷ 61 <u>5</u> HCO ₃ |
| 7. Hydroxyl (OH) | | OH <u>0</u> | ÷ 17 <u>0</u> OH |
| 8. Chlorides (Cl) | | Cl <u>35</u> | ÷ 35.5 <u>1</u> Cl |
| 9. Sulfates (SO ₄) | | SO ₄ <u>110</u> | ÷ 48 <u>2</u> SO ₄ |
| 10. Calcium (Ca) | | Ca <u>44</u> | ÷ 20 <u>2</u> Ca |
| 11. Magnesium (Mg) | | Mg <u>22</u> | ÷ 12.2 <u>2</u> Mg |
| 12. Total Hardness (CaCO ₃) | | <u>200</u> | |
| 13. Total Iron (Fe) | | <u>2.2</u> | |
| 14. Manganese | | | |
| 15. Phosphate Residuals | | | |

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION**Saturation Values**CaCO₃CaSO₄ · 2H₂OMgCO₃**Distilled Water 20°C**

13 Mg/l

2,090 Mg/l

103 Mg/l

| Compound | Equlv. Wt. | X | Meg/l | = | Mg/l |
|------------------------------------|------------|----------|-------|---|------------|
| Ca(HCO ₃) ₂ | 81.04 | <u>2</u> | | | <u>162</u> |
| CaSO ₄ | 68.07 | | | | |
| CaCl ₂ | 55.50 | | | | |
| Mg(HCO ₃) ₂ | 73.17 | <u>2</u> | | | <u>146</u> |
| MgSO ₄ | 60.19 | | | | |
| MgCl ₂ | 47.62 | | | | |
| NaHCO ₃ | 84.00 | <u>1</u> | | | <u>84</u> |
| Na ₂ SO ₄ | 71.03 | <u>2</u> | | | <u>142</u> |
| NaCl | 58.46 | <u>1</u> | | | <u>59</u> |

REMARKS _____

435 722 5727

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (435) 722-5066
Fax (435) 722-5727

Attachment F-1

WATER ANALYSIS REPORTCompany **INLAND PRODUCTION**

Address _____

Date **7-27-99**Source **TS 9-28**Date Sampled **7-26-99**

Analysis No. _____

| | Analysis | mg/l(ppm) | *Meq/l |
|---|--------------|-----------------------------|---------------------------------|
| 1. PH | <u>9.3</u> | | |
| 2. H ₂ S (Qualitative) | <u>0.5</u> | | |
| 3. Specific Gravity | <u>1.010</u> | | |
| 4. Dissolved Solids | | <u>14,147</u> | |
| 5. Alkalinity (CaCO ₃) | | CO ₃ <u>0</u> | + 30 <u>0</u> CO ₃ |
| 6. Bicarbonate (HCO ₃) | | HCO ₃ <u>980</u> | + 61 <u>16</u> HCO ₃ |
| 7. Hydroxyl (OH) | | OH <u>0</u> | + 17 <u>0</u> OH |
| 8. Chlorides (Cl) | | Cl <u>7,800</u> | + 35.5 <u>219</u> Cl |
| 9. Sulfates (SO ₄) | | SO ₄ <u>0</u> | + 48 <u>0</u> SO ₄ |
| 10. Calcium (Ca) | | Ca <u>8</u> | + 20 <u>0</u> Ca |
| 11. Magnesium (Mg) | | Mg <u>4</u> | + 12.2 <u>0</u> Mg |
| 12. Total Hardness (CaCO ₃) | | <u>40</u> | |
| 13. Total Iron (Fe) | | <u>0.6</u> | |
| 14. Manganese | | <u>0</u> | |
| 15. Phosphate Residuals | | | |

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

| | | | |
|-----|----|------------------|-----|
| 0 | Ca | HCO ₃ | 16 |
| 0 | Mg | SO ₄ | 0 |
| 235 | Na | Cl | 219 |

Saturation ValuesCaCO₃CaSO₄ • 2H₂OMgCO₃**Distilled Water 20°C**

13 Mg/l

2,080 Mg/l

103 Mg/l

| Compound | Equly. Wt. | X | Meq/l | = | Mg/l |
|------------------------------------|------------|---|------------|---|---------------|
| Ca(HCO ₃) ₂ | 81.04 | | | | |
| CaSO ₄ | 68.07 | | | | |
| CaCl ₂ | 55.50 | | | | |
| Mg(HCO ₃) ₂ | 73.17 | | | | |
| MgSO ₄ | 80.19 | | | | |
| MgCl ₂ | 47.62 | | | | |
| NaHCO ₃ | 84.00 | | | | |
| Na ₂ SO ₄ | 71.03 | | | | |
| NaCl | 58.46 | | | | |
| | | | <u>16</u> | | <u>1,344</u> |
| | | | <u>219</u> | | <u>12,803</u> |

REMARKS _____

Received Time-Jul.27.- 3:31PM

435 722 5727

Attachment F-2

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND PRODUCTION CO
 LOCATION:
 SYSTEM: JOHNSON WATER

7-27-99

| WATER DESCRIPTION: | JOHNSON WATER | TS 9-28 |
|------------------------------------|---------------|---------|
| P-ALK AS PPM CaCO ₃ | 0 | 0 |
| M-ALK AS PPM CaCO ₃ | 590 | 1607 |
| SULFATE AS PPM SO ₄ | 75 | 0 |
| CHLORIDE AS PPM Cl | 142 | 7800 |
| HARDNESS AS PPM CaCO ₃ | 0 | 0 |
| CALCIUM AS PPM CaCO ₃ | 80 | 20 |
| MAGNESIUM AS PPM CaCO ₃ | 8 | 17 |
| SODIUM AS PPM Na | 230 | 5405 |
| BARIUM AS PPM Ba | 0 | 0 |
| STRONTIUM AS PPM Sr | 0 | 0 |
| CONDUCTIVITY | 0 | 0 |
| TOTAL DISSOLVED SOLIDS | 874 | 14147 |
| TEMP (DEG-F) | 100 | 100 |
| SYSTEM pH | 8.3 | 9.3 |

WATER COMPATIBILITY CALCULATIONS

JOHNSON WATER AND TS 9-28

CONDITIONS: pH=8.8. TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS JOHNSON WATER

| DEG-F | STIFF DAVIS CaCO ₃ INDEX | lbs/1000 BBL EXCESS CaCO ₃ | mg/l BaSO ₄ IN EXCESS OF SATURATION | mg/l SrO ₄ IN EXCESS OF SATURATION | mg/l Gypsum IN EXCESS OF SATURATION |
|-------|--|--|---|--|--|
| 100 | 1.54 | 27 | 0 | 0 | 0 |
| 90 | 1.51 | 25 | 0 | 0 | 0 |
| 80 | 1.46 | 22 | 0 | 0 | 0 |
| 70 | 1.40 | 20 | 0 | 0 | 0 |
| 60 | 1.33 | 18 | 0 | 0 | 0 |
| 50 | 1.26 | 16 | 0 | 0 | 0 |
| 40 | 1.17 | 14 | 0 | 0 | 0 |
| 30 | 1.07 | 12 | 0 | 0 | 0 |
| 20 | .95 | 9 | 0 | 0 | 0 |
| 10 | .85 | 7 | 0 | 0 | 0 |
| 0 | .73 | 5 | 0 | 0 | 0 |

Attachment "G"

Tar Sands #9-28-8-17 Proposed Maximum Injection Pressure

| Frac Interval (feet) | | Avg. Depth (feet) | ISIP (psi) | Calculated Frac Gradient (psi/ft) | Pmax |
|-------------------------|--------|----------------------|---------------|--|------|
| Top | Bottom | | | | |
| 5896 | 5998 | 5947 | 1460 | 0.679 | 1435 |
| 5579 | 5593 | 5586 | 2200 | 0.827 | 2185 |
| 5425 | 5446 | 5436 | 1840 | 0.772 | 1825 |
| 4609 | 4615 | 4612 | 2420 | 0.958 | 2408 |
| | | | | Minimum | 1435 |

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$$

where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.005.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Avg. Depth})) / \text{Avg. Depth}$$



Attachment G-1

DAILY COMPLETION REPORT

WELL NAME Tar Sands Federal 9-28 Report Date 8/13/98 Completion Day 3
Present Operation Perf A sds. Rig Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 308' Liner @ Prod Csg 5-1/2 @ 6140 Csg PBTD 6088
Tbg: Size 2-7/8 Wt 6.5# Grd J-55 Pkr/EOT @ BP/Sand PBTD:

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|------------|------------|------|-------|------------|
| CP | 5896-5914' | 2/36 | | | |
| CP | 5952-54' | 2/4 | | | |
| CP | 5975-82' | 2/14 | | | |
| CP | 5986-98' | 2/24 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/12/98 SITP: 0 SICP: 0
IFL @ 5400'. Made 2 swab runs, rec 4 BTF w/tr oil. FFL @ 5700'. TOH w/tbg. NU isolation tool. RU BJ Services & frac CP sds w/100,500# 20/40 sd in 533 bbls Viking I-25 fluid. Perfs broke dn @ 2520 psi. Treated @ ave press of 1070 psi w/ave rate of 32 BPM. ISIP: 1460 psi, 5 min: 1380 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 124 BTF (est 23% of load). SIFN w/est 409 BWTR.

FLUID RECOVERY (BBLs)

| | | | |
|-------------------------------------|-----|------------------------------|-------------------|
| Starting fluid load to be recovered | 533 | Starting oil rec to date | 0 |
| Fluid lost/recovered today | 124 | Oil lost/recovered today | 0 |
| Ending fluid to be recovered | 409 | Cum oil recovered | 0 |
| IFL 5400 FFL 5700 FTP | | Choke 12/64 Final Fluid Rate | Final oil cut Tr. |

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand Frac
Company: BJ Services
Procedure:
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
4590 gal w/8-10 ppg of 20/40 sd
Flush w/5796 gal of 10# Linear gel

COSTS

| | |
|------------------|--------|
| Flint rig | 806 |
| BOP | 60 |
| Tanks | 30 |
| Wtr | 750 |
| Frac | 20,442 |
| Flowback - super | 140 |
| IPC Supervision | 200 |

| | | | | | |
|--------|------|----------|------|-------------------|----------|
| Max TP | 2520 | Max Rate | 32.2 | Total fluid pmpd: | 533 bbls |
| Avg TP | 1070 | Avg Rate | 32 | Total Prop pmpd: | 100,500# |
| ISIP | 1460 | 5 min | 1380 | 10 min | 15 min |

Completion Supervisor: Gary DietzDAILY COST: \$22,428TOTAL WELL COST: \$204,785



Attachment G-1 cont.

DAILY COMPLETION REPORT

WELL NAME Tar Sands Federal 9-28 Report Date 8/14/98 Completion Day 4
Present Operation Frac A sds. Rig Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 308' Liner @ Prod Csg 5-1/2 @ 6140 Csg PBTD 6088
Tbg: Size 2-7/8 Wt 6.5# Grd J-55 Pkr/EOT @ 5659 BP/Sand PBTD: 5717

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|------------|------------|------|----------|------------|
| A | 5579-93' | 4/56 | CP | 5986-98' | 2/24 |
| CP | 5896-5914' | 2/36 | | | |
| CP | 5952-54' | 2/4 | | | |
| CP | 5975-82' | 2/14 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/13/98 SITP: SICP: 0
TIH w/5-1/2 RBP & tbg. Set plug @ 5717'. Press test plug to 3000 psi. Swab FL dn to 5000'. Rec 108 BTF. TOH w/tbg. RU Schlumberger & perf A sds @ 5579-93' w/4 jsf. TIH w/tbg to 5659'. IFL @ 4900'. Made 3 swab runs, rec 12 BTF. FFL @ 5500'. SIFN w/est 289 BWTR.

FLUID RECOVERY (BBLs)

| | | | |
|-------------------------------------|-----|--------------------------|---|
| Starting fluid load to be recovered | 409 | Starting oil rec to date | 0 |
| Fluid lost/recovered today | 120 | Oil lost/recovered today | 0 |
| Ending fluid to be recovered | 289 | Cum oil recovered | 0 |
| IFL 4900 FFL 5500 FTP | | Choke | |
| | | Final Fluid Rate | |
| | | Final oil cut | |

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure:

COSTS

| | |
|-----------------|-------|
| Flint rig | 1,483 |
| BOP | 60 |
| Tanks | 30 |
| RBP | 600 |
| Perfs | 1,224 |
| IPC Supervision | 200 |

Max TP Max Rate Total fluid pmpd:

Avg TP Avg Rate Total Prop pmpd:

ISIP 5 min 10 min 15 min

Completion Supervisor: Gary Dietz

DAILY COST: \$3,597

TOTAL WELL COST: \$208,382



Attachment G-1 cont.

DAILY COMPLETION REPORT

WELL NAME: TSF 9-28-8-17 Report Date: 8-15-98 Completion Day: 5
Present Operation: PERF B SAND Rig: Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 308' KB Liner: @ Prod Csg: 5-1/2 @ 6140 Csg PBTD: 6088
Tbg: Size: 2-7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|-------|------------|------|-------|------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8-14-1998 SITP: 0 SICP: 0

RU swab equipment. Made 1 swab run, recovered 4 BW w/trace oil. IFL @ 5300'. FFL @ 5500'. TOH w/tbg. RU BJ services & frac A sand w/96,850# of 20/40 sand in 534 bbls of Viking I-25 fluid. Perfs broke @ 3570 psi, treated @ average pressure of 1780 psi w/average rate of 28.6 BPM. ISIP - 2200 psi, 5 min SI - 2050 psi. Flowback on 12/64 choke for 4 hrs & died. Recovered 130 BTF (est 24 % of load). EST 689 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 289 bbls Starting oil rec to date: 0
Fluid lost/recovered today: 400 bbls Oil lost/recovered today: 0
Ending fluid to be recovered: 689 bbls Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: BJ Services

Procedure or Equipment detail:

3,000 GAL OF PAD

1,000 GAL W/ 1-6 PPG OF 20/40 SND

7,000 GAL W/ 6-8 PPG OF 20/40 SND

4,000 GAL W/ 8-10 PPG OF 20/40 SND

1,926 GAL W/ 10 PPG OF 20/40 SND

FLUSH W/ 5,502 GAL OF 10# LINEAR GEL

COSTS

| | |
|-----------------|----------|
| Flint rig | \$742 |
| BOP | \$135 |
| Tanks | \$90 |
| WTR | \$600 |
| HOT OIL TRUCK | NA |
| FRAC | \$20,060 |
| FLOW BACK - SUP | \$200 |
| IPC - Sup | \$200 |

Max TP: 1850 Max Rate: 28.8 Total fluid pmpd: 534 bbls

Avg TP: 1780 Avg Rate: 28.6 Total Prop pmpd: 96,850 #

ISIP: 2200 5 min: 2050 10 min: 15 min:

Completion Supervisor: Brad Mechem

DAILY COST: \$22,027

TOTAL WELL COST: \$230,409



Attachment G-1 cont.

DAILY COMPLETION REPORT

WELL NAME: TSF 9-28-8-17

Report Date: 8-16-98

Completion Day: 6

Present Operation: Frac B SAND

Rig: Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 308' KB Liner: @ Prod Csg: 5-1/2 @ 6140 Csg PBTD: 6088
Tbg: Size: 2-7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5460' BP/Sand PBTD: 5490'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|------------|------------|------|-------|------------|
| B | 5425 - 27' | 4/8 | | | |
| B | 5436 - 46' | 4/40 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8-15-1998

SITP: 0 SICP: 0

TIH w/RH. Tagged sd @ 5594'. C/O to BP @ 5717'. Reset plug @ 5490'. Test plug to 3,000#. RU swab eq. made 8 runs recovered 107 BTF. IFL @ surface. FFL @ 4900'. TOH w/tbg. RU Schlumberger & perf B sd @ 5425-27' & 5436-46' w/4 jsp. TIH w/tbg to 5460'. RU swab eq made 1 run recovered 4 BTF. IFL @ 4900'. FFL @ 5100'. SIFN w/est 800 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 689 bbls Starting oil rec to date: 0
Fluid lost/recovered today: 111 Oil lost/recovered today: 0
Ending fluid to be recovered: 800 bbls Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

COSTS

| | |
|-----------|---------|
| Flint rig | \$1,611 |
| BOP | \$135 |
| Tanks | \$90 |
| Perf | \$2,000 |
| IPC - Sup | \$200 |

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Brad Mecham

DAILY COST: \$4,036

TOTAL WELL COST: \$234,445



Attachment G-1 cont.

DAILY COMPLETION REPORT

WELL NAME: TSF 9-28-8-17

Report Date: 8-18-98

Completion Day: 7

Present Operation: Perforate GB SAND

Rig: Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 308' KB Liner: @ Prod Csg: 5-1/2 @ 6140 Csg PBTD: 6088
Tbg: Size: 2-7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 5490'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|---------|------------|------|-------|------------|
| B | 5425-27 | 4/8 | | | |
| | 5436-46 | 4/40 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8-17-1998

SITP: 0 SICP: 0

RU swab eq. Made 1 swab run, recovered 2 BTF. IFL @ 5100'. FFL @ 5200'. TOH w/tbg. NU isolation tool. RU BJ Services & frac B sand w/90,000# of 20/40 sd in 490 bbls of Viking I-25 fluid. Perfs broke @ 3820 psi. Treated w/average pressure of 1335 psi w/average rate of 25.1 BPM. ISIP-1840 psi, 5 min SI -1600 psi. Flowback on 12/64 choke for 4 hrs & died. Recovered 128 BTF (est 26% of load). SIFN w/est 1160 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 800 bbls Starting oil rec to date: 0
Fluid lost/recovered today: 360 bbls Oil lost/recovered today:
Ending fluid to be recovered: 1,160 bbls Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail:

3,000 gal of pad

1,000 gal w/ 1-6 ppg of 20/40 snd

7,000 gal w/ 6-8 ppg of 20/40 snd

4246 gal w/ 8-10 ppg of 20/40 snd

Flush w/ 5334 gal of 10 ppg liner gel

COSTS

| | |
|-----------|----------|
| Flint rig | \$1,611 |
| BOP | \$135 |
| Tanks | \$90 |
| WTR | \$600 |
| Frac | \$19,180 |
| Flow back | \$200 |
| IPC - Sup | \$200 |

Max TP: 1440 Max Rate: 25.8 Total fluid pmpd: 490 bbls

Avg TP: 1335 Avg Rate: 25.1 Total Prop pmpd: 90,000 #

ISIP: 1840 5 min: 1600 10 min: 15 min:

Completion Supervisor: Brad Mecham

DAILY COST: \$22,016

TOTAL WELL COST: \$256,461



Attachment G-1 cont.

DAILY COMPLETION REPORT

WELL NAME: TSF 9-28-8-17Report Date: 8-19-98Completion Day: 8Present Operation: Frac GB sandRig: Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 308' KB Liner: _____ @ _____ Prod Csg: 5-1/2 @ 6140 Csg PBTD: 6088
Tbg: _____ Size: 2-7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: _____ BP/Sand PBTD: 5035'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|----------|------------|------|-------|------------|
| GB | 4609-15' | 4/24 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8-18-1998SITP: 0 SICP: 0

TIH w/Finger Basket, over shot. Tagged sd @ 5333'. C/O to RBP @ 5490'. (Socket on top of RBP.) Rotate tbg to catch socket in Finger Basket. TOH w/over shot. Recovered socket. TIH w/RH. Reset RBP @ 5035'. RU swab eq. Made 7 runs, recovered 89 BTF. IFL @ surface. FFL @ 4100'. TOH w/RH. RU Schlumberger & perf GB sd @ 4609 15 w/4 jspf. SIFN w/est 1081 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1160 bbls Starting oil rec to date: 0
Fluid lost/recovered today: 79 bbls Oil lost/recovered today: 0
Ending fluid to be recovered: 1081 bbls Cum oil recovered: 0
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

| | |
|------------------------|---------|
| Flint rig | \$1,611 |
| BOP | \$135 |
| Tanks | \$90 |
| Schlumberger | \$1,200 |
| Weatherford fish-tools | NC |
| IPC - Sup | \$200 |
| | |
| | |
| | |
| | |
| | |
| | |

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ 15 min: _____

Completion Supervisor: Brad MechamDAILY COST: \$3,236TOTAL WELL COST: \$259,697



Attachment G-1 cont.

DAILY COMPLETION REPORT

WELL NAME: TSF 9-28-8-17Report Date: 8-20-98Completion Day: 9Present Operation: Pull RBP'sRig: Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 308' KB Liner: @ Prod Csg: 5-1/2 @ 6140 Csg PBTD: 6088
Tbg: Size: 2-7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 5035'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|---------|------------|------|-------|------------|
| GB | 4609-15 | 4/24 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8-19-1998SITP: 0 SICP: 0

TIH w/tbg to 5010'. RU swab eq made 3 swab runs, recovered 12 BW w/trace oil. IFL @ 4100'. FFL @ 4700'. TOH w/tbg. NU Isolation tool. RU BJ Services & frac GB sand w/81,900# of 20/40 sd in 431 bbls of Viking I-25 fluid. Perfs broke @ 3100 psi. Treated w/average pressure of 1970 psi w/average rate of 24.7 BPM. ISIP-2420 psi, 5 min SI - 2100 psi. Flowback on 12/64 choke for 3.5 hrs & died. Recovered 140 BTF (est 33% of load). SIFN w/est 1,360 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1081 bbls Starting oil rec to date: 0
Fluid lost/recovered today: 279 bbls Oil lost/recovered today: 0
Ending fluid to be recovered: 1360 bbls Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand fracCompany: BJ Services

Procedure or Equipment detail:

2500 gal pad1000 gal w/ 1-6 ppg of 20/40 snd6000 gal w/ 6-8 ppg of 20/40 snd3000 gal w/ 8-10 ppg of 20/40 snd1000 gal w/ 10 ppg of 20/40 sndFlush w/ 4494 gal of 10 # linear gel

COSTS

Flint rig \$998BOP \$135Tanks \$90WTR \$600Frac \$18,490Flow back \$200IPC - Sup \$200Max TP: 2000 Max Rate: 24.8 Total fluid pmpd: 431 bblsAvg TP: 1970 Avg Rate: 24.7 Total Prop pmpd: 81,900 #ISIP: 2420 5 min: 2100 10 min: 15 min: Completion Supervisor: Brad MechamDAILY COST: \$20,713TOTAL WELL COST: \$280,410

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 252' plug from 5796'-6048' with 40 sxs Class "G" cement.
2. **Plug #2** Set 318' plug from 5325'-5643' with 47 sxs Class "G" cement.
3. **Plug #3** Set 156' plug from 4509'-4665' with 28 sxs Class "G" cement.
4. **Plug #4** Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
5. **Plug #5** Set 100' plug from 245'-345' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
6. **Plug #6** Set 50' plug from surface with 10 sxs Class "G" cement.
7. Pump 50 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 295' to surface.

The approximate cost to plug and abandon this well is \$18,000.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE
APPLICATION OF INLAND
PRODUCTION COMPANY FOR
ADMINISTRATIVE APPROVAL OF THE
TAR SANDS 9-28-8-17 WELL
LOCATED IN SECTION 28, TOWNSHIP
8 SOUTH, RANGE 17 EAST, S.L.M.,
DUCHESNE COUNTY, UTAH, AS A
CLASS II INJECTION WELL

: NOTICE OF AGENCY
ACTION

: CAUSE NO. UIC-241

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

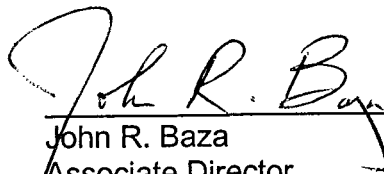
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Tar Sands 9-28-8-17 well, located in Section 28, Township 8 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August 1999.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 5, 1999

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-241

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt
Secretary

Enclosure



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 5, 1999

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-241

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Larraine Platt".

Larraine Platt
Secretary

Enclosure

**Inland Production Company
Tar Sand 9-28-8-17 Well
Cause No. UIC-241**

Publication Notices were sent to the following:


Inland Production Company
Route #3 Box 3630
Myton, Utah 84052

Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Vernal District Office
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
August 5, 1999

143 SOUTH MAIN ST.
P.O. BOX 41838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D.# 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune



DESERET NEWS

CUSTOMER'S
COPY

PROOF OF PUBLICATION

| CUSTOMER NAME AND ADDRESS | ACCOUNT NUMBER | DATE |
|--|----------------|----------|
| DIV OF OIL, GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114 | D5385340L-07 | 08/10/99 |

| ACCOUNT NAME | |
|--------------------------------|----------------|
| DIV OF OIL, GAS & MINING | |
| TELEPHONE | INVOICE NUMBER |
| 801-538-5340 | TL8200A0QZ1 |
| SCHEDULE | |
| START 08/10/99 END 08/10/99 | |
| CUST. REF. NO. | |
| UIC-241 | |
| CAPTION | |
| BEFORE THE DIVISION OF OIL, GA | |
| SIZE | |
| 73 LINES 1.00 COLUMN | |
| TIMES | RATE |
| 1 | 1.64 |
| MISC. CHARGES | AD CHARGES |
| .00 | 119.72 |
| TOTAL COST | |
| 119.72 | |

BEFORE THE DIVISION OF OIL, GAS
AND MINING, DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-241

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE TAR SANDS 9-28-8-17 WELL LOCATED IN SECTION 28, TOWNSHIP 8 SOUTH, RANGE 9-17, EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Tar Sands 9-28-8-17 well, located in Section 28, Township 8 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within seven days following publication of this notice. If such a protest or notice of intervention is filed, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August, 1999.
JOAN R. BARR
2626
STATE OF UTAH
Salt Lake
My Comm
Associate Director
Ma
8200A0QZ
ST

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS
DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY, PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON 08/10/99 START 08/10/99 END 08/10/99

SIGNATURE

DATE 08/10/99



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

2827 REC 0131 N/A 0101 0109

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 10 day of August, 1999, and that the last publication of such notice was in the issue of such newspaper dated the 10 day of August, 1999.

Publisher

Subscribed and sworn to before me this

23 day of Aug, 1999

Tracy E. Womack

Notary Public

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-241
IN THE MATTER OF
THE APPLICATION OF
INLAND PRODUCTION
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE TAR
SANDS 9-28-8-17 WELL
LOCATED IN SECTION
28, TOWNSHIP 8
SOUTH, RANGE 17
EAST, S.L.M.,
DUCESNE COUNTY,
UTAH, AS A CLASS II
INJECTION WELL

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE ENTITLED
MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Tar Sands 9-28-8-17 well, located in Section 28, Township 8 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each indi-

vidual well based on fracture gradient information submitted by Inland Production Company.

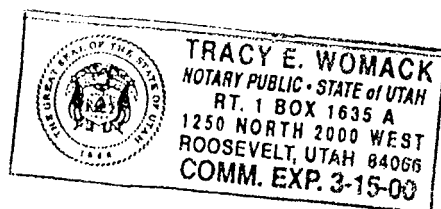
Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August 1999.

STATE OF UTAH
DIVISION OF OIL, GAS &
MINING

John R. Baza, Associate
Director

Published in the Uintah
Basin Standard August 10
1999



DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
STATEMENT OF BASIS

Applicant: Inland Production Company

Well

1. 9-28

Location: 28/8S/17E

7

Ownership Issue

Greater Boundary
the BLM. The F
individuals hold the
lease holders in the
Inland has submitted
notified of their inter

UIC-241.1

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Well Integrity: The

surface. A 5 1/2 inch
cement top at 390'.
modified Lite cement
to interpret because
(>80%) up to approximately 1670 feet. A 2 7/8 inch tubing with a packer will be set at 4550 feet. A mechanical integrity test will be run on the well prior to injection. There are 3 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 300 feet. Injection will be limited to the interval between 4609 feet and 5998 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 9-28 well is .679 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1435 psig. The requested maximum pressure is 1435 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: Tar Sands Fed. 9-28

Location: 28/8S/17E

API: 43-013-32067

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Boundary Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Greater Boundary Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 295 feet and is cemented to surface. A 5 ½ inch production casing is set at 6140 feet and according to Inland has a cement top at 390'. The production casing was cemented with 380 sacks of Premium modified Lite cement and 380 sacks of class G cement. The cement bond log is difficult to interpret because of the Lite cement used and shows indication of good bonding (>80%) up to approximately 1670 feet. A 2 7/8 inch tubing with a packer will be set at 4550 feet. A mechanical integrity test will be run on the well prior to injection. There are 3 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 300 feet. Injection will be limited to the interval between 4609 feet and 5998 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 9-28 well is .679 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1435 psig. The requested maximum pressure is 1435 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Tar Sands Federal 9-28
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Boundary Unit on November 5, 1992. The Boundary Unit was expanded to the Greater Boundary Unit on April 8, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill

Date: 11/2/99



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

November 3, 1999

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Greater Boundary Unit Well: Tar Sands Federal 9-28, Section 28, Township 8 South,
Range 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director, Oil and Gas

lwp

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

| | | | |
|---|---|---|-------------------------------|
| 1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. U-76241 | |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A | |
| OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> injection | | 7. UNIT AGREEMENT NAME GREATER BOUNDARY | |
| 2. NAME OF OPERATOR INLAND PRODUCTION COMPANY | | 8. FARM OR LEASE NAME TAR SANDS FEDERAL 9-28-8-17 | |
| 3. ADDRESS OF OPERATOR Route 3 Box 3630, Myton Utah, 84052 (435) 646-3721 | | 9. WELL NO. 9-28-8-17 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SE 2083 FSL 679 FEL | | 10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SE Section 28, T08S R17E | |
| 14. API NUMBER 43-013-32067 | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5189.1 GR | 12. COUNTY OR PARISH DUCHESNE | 13. STATE UT |

| | | | |
|--|---|---|--|
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data | | | |
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | <input type="checkbox"/> | (OTHER) <u>Convert to Injection well</u> | <input checked="" type="checkbox"/> |
| (OTHER) <input type="checkbox"/> | <input type="checkbox"/> | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above reference well (#UT 2702-04511) was converted from a production well to a water injection well on 4/3/00. Mr. Dennis Ingram with the State of Utah (DOG M) was contacted and a time was set to conduct a MIT on the casing. The casing was pressured to 1350 psi with 0 psi on the tubing. There was no loss of pressure charted in 30 minutes. Mr. Dennis Ingram witnessed the test on 4/5/00. The well is waiting on permission to inject.

18. I hereby certify that the foregoing is true and correct

| | | |
|-------------------------|---------------------------------|--------------------|
| SIGNED <u>Ron Shuck</u> | TITLE <u>Production Foreman</u> | DATE <u>4/5/00</u> |
| Ron Shuck | | |

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF
OIL, GAS AND MINING

APR 07 2000

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Route 3 box 3630, Myton Utah, 84052 (435) 646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2083 FSL 679 FEL NE/SE Section 28, T08S R17E

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 9-28-8-17

9. API Well No.

43-013-32067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well (#UT 2702-04511) was converted from a Production well to an Injection well on 4/3/00. Mr. Bahram Jafari with EPA was notified and gave verbal approval to conduct a MIT test on the Casing without a witness. On 4/5/00 the casing was pressured to 1350 psi with 0 psi on tubing no loss of pressure was charted in 30 minutes. The well is waiting on approval to inject.

RECEIVED

APR 07 2000

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Ron Shuck
Ron Shuck

Title

Production Foreman

Date

4/5/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



DAILY WORKOVER REPORT

WELL NAME: Tar Sands Federal 9-28-8-17

Report Date: 4/5/00

Day: NA

Operation: _____

Rig: NA

WELL STATUS

Surf Csg: _____ @ _____ Prod Csg: _____ @ _____ WT: _____ Csg PBTD: _____
Tbg: _____ Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|-------|-------|------------|-------|-------|------------|
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 05-Apr-00

SITP: 0 SICP: 1350

Contacted Dennis Ingram with the State of Utah DOGM and Bahram Jafari with the EPA and set up time to conduct a MIT on the casing. On 4/5/00 the casing was pressured to 1350 psi with 0 psi on tubing. There was no loss of pressure charted in 30 minutes. Dennis witnessed test.

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DIVISION OF
OIL, GAS AND MINING

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: _____
Fluid lost/recovered today: _____ Oil lost/recovered today: _____
Ending fluid to be recovered: _____ Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Workover Supervisor: Ron Shuck

DAILY COST: _____
TOTAL WELL COST: _____

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 4 / 5 / 2000
Test conducted by: Jody Liddell
Others present: Dennis Ingram Utah state (DOGM)

| | | | |
|--|---|-----------------------------------|---|
| Well Name: <u>Tar Sands Federal</u> | 9-28-8-17 | Type: ER SWD | Status: AC TA UC |
| Field: <u>Monument Butte</u> | EPA Permit # <u>Ut 2702-04511</u> <u>API 43-013-32067</u> | | |
| Location: <u>NE/SE</u> | Sec: <u>28</u> | T <u>8</u> | S <u>R 17</u> E <u>1</u> County: <u>Duchesne</u> State: <u>Utah</u> |
| Operator: <u>Inland Production Company</u> | | | |
| Last MIT: <u>1</u> / <u>1</u> | | Maximum Allowable Pressure: _____ | |

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Is this a regularly scheduled test? ☐ Yes ☒ No

APR 07 2000

Initial test for permit? ☒ Yes ☐ No

DIVISION OF
OIL, GAS AND MINING

Test after well rework? ☐ Yes ☒ No

Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

| MIT DATA TABLE | | Test #1 | | Test #2 | | Test #3 | |
|----------------------|--|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| TUBING | | PRESSURE | | | | | |
| Initial Pressure | | <u>0</u> | psig | | psig | | psig |
| End of test pressure | | <u>0</u> | psig | | psig | | psig |
| CASING / TUBING | | ANNULUS | | PRESSURE | | | |
| 0 minutes | | <u>0</u> | psig | | psig | | psig |
| 5 minutes | | <u>1350</u> | psig | | psig | | psig |
| 10 minutes | | <u>1350</u> | psig | | psig | | psig |
| 15 minutes | | <u>1350</u> | psig | | psig | | psig |
| 20 minutes | | <u>1350</u> | psig | | psig | | psig |
| 25 minutes | | <u>1350</u> | psig | | psig | | psig |
| 30 minutes | | <u>1350</u> | psig | | psig | | psig |
| minutes | | <u>0</u> | psig | | psig | | psig |
| minutes | | | psig | | psig | | psig |
| RESULT | | <input checked="" type="checkbox"/> Pass | <input type="checkbox"/> Fail | <input type="checkbox"/> Pass | <input type="checkbox"/> Fail | <input type="checkbox"/> Pass | <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

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OIL, GAS AND MINING

Signature of Witness:

Dennis L Ingram (DOGM)

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why? _____

Possible violation identified? ☐ YES ☐ NO

If YES, what _____

If YES - followup initiated? ☐ YES _____

☐ NO - why not? _____

☐ Data Entry

☐ Compliance Staff

☐ 2nd Data Entry

☐ Hardcopy Filing



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

April 5, 2000

Division Oil and Gas & Mining
Attn: Mr. Brad Hill
1594 West North Temple - Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Tar Sands Federal 9-28-8-17
API # 43-013-32067, U-76241

Dear Mr. Brad Hill

Please find enclosed the results of a MIT test conducted today on the above referenced well. Mr. Dennis Ingram was notified and witnessed the test. On 4-5-00 there was 1350 psi put on casing with 0 psi on tubing there was no loss of pressure charted in a 1/2 hour test.

If you have any questions or need further information, please don't hesitate to contact me. I can be reached at our Pleasant Valley Office at (435) 646-3721 or on my cellular at (435) 823-7977.

Sincerely,

Ron Shuck
Production Foreman

Enclosures

cc: State of Utah - Division of Oil, Gas & Mining
Jon Holst - Inland Resources
Roosevelt & Denver Well Files

/rs

RECEIVED

APR 07 2000

DIVISION OF
OIL, GAS AND MINING



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-241

Operator: Inland Production Company

Well: Tar Sands Federal 9-28

Location: Section 28 , Township 8 South, Range 17 East, Duchesne County

API No.: 43-013-32067

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 3, 1999.
2. Maximum Allowable Injection Pressure: 1435 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4609 feet - 5998 feet)

Approved by:

John R. Baza
for John R. Baza
Associate Director, Oil And Gas

4-11-2000

Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Route 3, Box 3630, Myton Utah 84052 (435-646-3721)

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2083 FSL 679 FEL NE/SE Section 28, T08S R17E

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 9-28-8-17

9. API Well No.

43-013-32067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a production to an injection well on 4/3/00 . The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4533'.

RECEIVED

APR 13 2000

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title District Engineer Date 4/11/00

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

INJECTION WELL - PRESSURE TEST

| | |
|---|---------------------------------|
| Well Name: <u>TSF # 9-28-8-17</u> | API Number: <u>43-013-32067</u> |
| Qtr/Qtr: <u>NE/SE</u> | Section: <u>28</u> |
| Township: <u>85</u> | Range: <u>17E</u> |
| Company Name: <u>INLAND PRODUCTION CO</u> | |
| Lease: State <u>UT</u> | Fee <u> </u> |
| Federal <u>X</u> | Indian <u> </u> |
| Inspector: <u>[Signature]</u> | Date: <u>04-05-2000</u> |

Initial Conditions:

Tubing - Rate: Pressure: 0 psiCasing/Tubing Annulus - Pressure: 1350 psi

Conditions During Test:

| Time (Minutes) | Annulus Pressure | Tubing Pressure |
|----------------|------------------|-----------------|
| 0 | <u>1350 PSI</u> | <u>0"</u> |
| 5 | <u>"</u> | <u>0"</u> |
| 10 | <u>"</u> | <u>0"</u> |
| 15 | <u>1350 PSI</u> | <u>0 PSI</u> |
| 20 | <u>1350 PSI</u> | <u>0"</u> |
| 25 | <u>1350 PSI</u> | <u>0"</u> |
| 30 | <u>1350 PSI</u> | <u>0"</u> |

Results: Pass FailAccepted by the
Utah Division of
Oil, Gas and Mining

Conditions After Test:

Tubing Pressure: 0 psiCasing/Tubing Annulus Pressure: 1350 psiDate: 5/19/00
By: [Signature]COMMENTS: Test @ 11:00 AM & USE CHART. ORIGINAL
CONFESSION ON TEST

RECEIVED

[Signature]
Operator RepresentativeAPR 19 2000
DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED *
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUBMIT IN TRIPLICATE

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 9-28-8-17

9. API Well No.

43-013-32067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Route 3, Box 3630, Myton Utah 84052 (435-646-3721)

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2083 FSL 679 FEL

NE/SE Section 28, T08S R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

First Report of Injection

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was placed on water injection on 5/12/00.

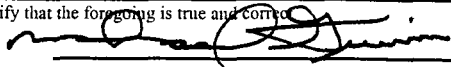
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

COPY SENT TO OPERATOR

Date: 6-8-00
Initials: C/H

14. I hereby certify that the foregoing is true and correct.

Signed



Title

District Engineer

Date

5/17/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

| | | | |
|--|---|---|--|
| 1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. U-76241 | |
| 2. NAME OF OPERATOR INLAND PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A | |
| 3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah, 84052 (435) 646-3721 | | 7. UNIT AGREEMENT NAME GREATER BOUNDARY | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SE 2083 FSL 679 FEL | | 8. FARM OR LEASE NAME TAR SANDS FEDERAL 9-28-8-17 | |
| 14. API NUMBER 43-013-32067 | | 9. WELL NO. 9-28-8-17 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5189.1 GR | | 10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE | |
| 12. COUNTY OR PARISH DUCHESNE | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SE Section 28, T08S R17E | |
| 13. STATE UT | | | |
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data | | | |
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input checked="" type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input checked="" type="checkbox"/> | <input type="checkbox"/> | (OTHER) <input type="checkbox"/> | <input type="checkbox"/> |
| (OTHER) <input type="checkbox"/> | <input type="checkbox"/> | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Above reference well was injecting when it got a packer leak. Inland Production Repaired the leak and contacted Mr. Dennis Ingram with the State of Utah and got verbal approval to conduct a MIT test on casing without a witness. On 6-9-00 the casing was then pressured to 1150 psi with 10 psi on the tubing no loss of pressure was charted in a 1/2 hour test. The pressure was then released and the well is shut-in waiting on approval to inject.

18 I hereby certify that the foregoing is true and correct

SIGNED

Ron Shuck
Ron Shuck

TITLE

Production Foreman

DATE

6/10/00

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR
Date: 6-14-00
Initials: CHD

* See Instructions On

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 6/14/00

By: [Signature]

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JUN 14 2000

DIVISION OF
OIL, GAS AND MINING

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Mechanical Integrity Test

JUN 14 2000

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

DIVISION OF
OIL, GAS AND MINING

EPA Witness: None Date: 6 19 00

Test conducted by: Ben Shuck

Others present: None

| | | |
|---|--|-------------------------|
| Well Name: <u>Tar Sands Federal 9-28</u> | Type: <u>ER</u> SWD | Status: <u>AC</u> TA UC |
| Field: <u>Greater Bannock</u> | <u>UT 2702-04511</u> | |
| Location: <u>NE 1/4</u> Sec: <u>28</u> T <u>8</u> N <u>S</u> R <u>17</u> <u>E</u> W | County: <u>Dakota</u> | State: <u>UT</u> |
| Operator: <u>Inland Production Co.</u> | | |
| Last MIT: <u>1</u> | Maximum Allowable Pressure: _____ PSIG | |

Is this a regularly scheduled test? ☐ Yes ☒ No

Initial test for permit? ☐ Yes ☒ No

Test after well rework? ☒ Yes ☐ No

Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: C psig

| MIT DATA TABLE | | Test #1 | Test #2 | Test #3 |
|---|--|---|---|---|
| TUBING PRESSURE | | | | |
| Initial Pressure | <u>10</u> psig | | | |
| End of test pressure | <u>10</u> psig | | | |
| CASING / TUBING ANNULUS PRESSURE | | | | |
| 0 minutes | <u>1150</u> psig | | | |
| 5 minutes | <u>1150</u> psig | | | |
| 10 minutes | <u>1150</u> psig | | | |
| 15 minutes | <u>1150</u> psig | | | |
| 20 minutes | <u>1150</u> psig | | | |
| 25 minutes | <u>1150</u> psig | | | |
| 30 minutes | <u>1150</u> psig | | | |
| minutes | psig | | | |
| minutes | psig | | | |
| RESULT | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

*This well was Injecting when it got a Packer Leak. In land
Required leak and gave MIT on Casing*

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Signature of Witness: _____

[Signature]

JUN 14 2000

DIVISION OF
OIL, GAS AND MINING

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____

Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why? _____

Possible violation identified? ☐ YES ☐ NO

If YES, what _____

If YES - followup initiated? ☐ YES _____

☐ NO - why not? _____

☐ Data Entry

☐ Compliance Staff

☐ 2nd Data Entry

☐ Hardcopy Filing



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DAILY WORKOVER REPORT

DIVISION OF
OIL, GAS AND MININGWELL NAME: Tar Sands Federal 9-28-8-17Report Date: 6-12-00Day: 03Operation: MIT on CasingRig: NA

WELL STATUS

Surf Csg: 8 5/8 @ 308' Prod Csg: 5 1/2" @ 6140' WT: 15.5 Csg PBTD: 6088'
Tbg: Size: 2 7/8" Wt: 6.5 Grd: M-50 Pkr/EOT @: 4526' BP/Sand PBTD: 6073'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|-------------------|-------------|------|-----------------|-------------|
| GB | <u>4609-15'</u> | <u>4/24</u> | CP | <u>5952-54'</u> | <u>2/4</u> |
| B | <u>5425-27'</u> | <u>4/8</u> | CP | <u>5975-82'</u> | <u>2/14</u> |
| B | <u>5436-46'</u> | <u>4/40</u> | CP | <u>5986-98'</u> | <u>2/24</u> |
| A | <u>5579-93'</u> | <u>4/56</u> | | | |
| CP | <u>5896-5914'</u> | <u>4/36</u> | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 09-Jun-00SITP: 0 SICP: 0

EPA # UT2702-04511. Contacted Dennis Ingram with the State of Utah and got verbal approval to conduct a MIT test on the casing without a witness. Contacted Al Craver with the EPA and got verbal approval to conduct a MIT test without a witness. Pressured casing to 1150 psi with 10 psi on the tubing. No loss of pressure was charted in 1/2 hour test. The pressure was then released and well is shut-in waiting on permission to inject.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 0 Starting oil rec to date: _____
Fluid lost/recovered today: 0 Oil lost/recovered today: _____
Ending fluid to be recovered: 0 Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

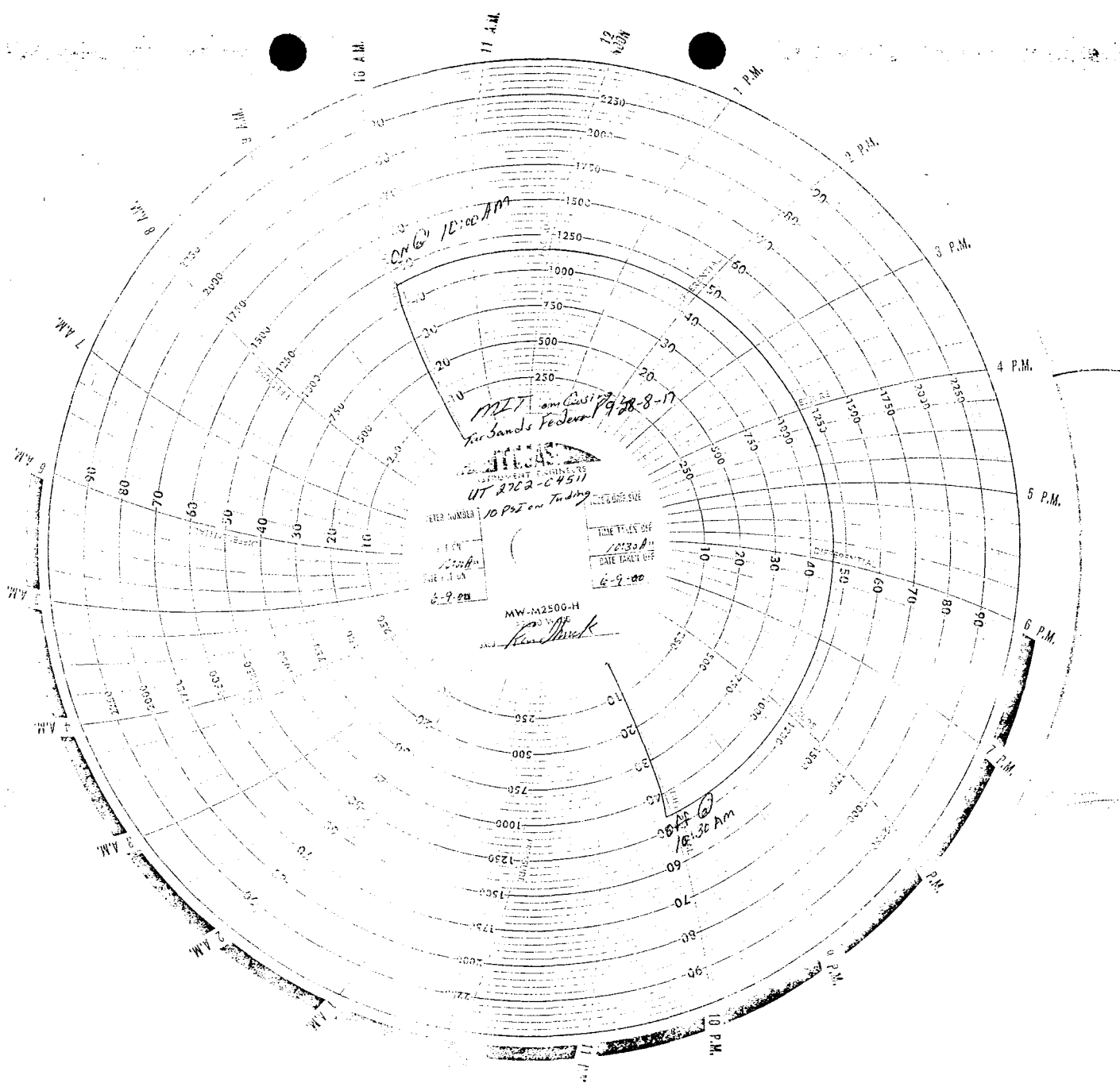
COSTS

| | | | |
|--------------------------|-----------------|--|--|
| KB | <u>12.00'</u> | | |
| 139 jts M-50 tbg | <u>4518.05'</u> | | |
| SN 1.10 @ | <u>4519.15'</u> | | |
| Arrowset 1 Pkr COE 2,80' | <u>4521.95'</u> | | |
| EOT @ | <u>4525.68'</u> | | |
| | | | |
| | | | |
| | | | |
| Csg collars 4508,4551' | | | |
| 4593' | | | |

Workover Supervisor: Ron Shuck

DAILY COST: _____

TOTAL WELL COST: _____



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DIVISION OF
OIL, GAS AND MINING



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

June 9, 2000

Division Oil and Gas & Mining
Attn: Mr. Brad Hill
1594 West North Temple – Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Tar Sands Federal 9-28-8-17
API # 43-013-32067, U-76241

Dear Mr. Brad Hill

Please find enclosed the results of a MIT test conducted today on the above referenced well. On 6-9-00 there was 1150 psi put on casing with 10 psi on tubing there was no loss of pressure charted in a ½ hour test. Mr. Dennis Ingram with State of Utah was contacted and gave permission to conduct the test without a witness. The pressure was then released. The well is waiting on permission to inject.

If you have any questions or need further information, please don't hesitate to contact me. I can be reached at our Pleasant Valley Office at (435) 646-3721 or on my cellular at (435) 823-7977.

Sincerely,

Ron Shuck
Production Foreman

Enclosures

cc: State of Utah – Division of Oil, Gas & Mining
Jon Holst - Inland Resources
Roosevelt & Denver Well Files

/rs

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JUN 14 2000

**DIVISION OF
OIL, GAS AND MINING**

**SUMMARY WORKOVER REPORT****PTS FED 09-28**

NE/SE Section 28 - T8S - R17E

Duchesne Co., UT

API # 43-013-2067

Spud Dat 6/25/98

TD 6150'

Completion or Workover Rig PENNANT #4

Injection Conversion**Report Date 3/28/00 Day 1****Date Work Performed 3/27/00**

MIRU SU. Pump 90 BW dwn csg @ 250 degrees. Unseat pump. Flush rods & tbg w/50 BW. TOOH LD rods on trailer. 16 rods out. SIFN.

Daily Cost \$1,500 Cumulative Cost \$1,500**Report Date 3/29/00 Day 2****Date Work Performed 3/28/00**

Continue to TOOH w/rods laying them down. Release TA. RU BOP. TOOH w/tbg looking for hole. Didn't find hole. PU bit & scraper. Insert stand-in valve in SN. Found split jt in #110. Finish TIH to 6015' w/185 jts tbg & bit & scraper. SIFN.

Daily Cost \$2,800 Cumulative Cost \$4,300**Injection Conversion****Report Date 3/30/00 Day 3****Date Work Performed 3/29/00**

Engine is out on workover rig (Pennant Rig #4).

Daily Cost \$100 Cumulative Cost \$4,400**Injection Conversion****Report Date 3/31/00 Day 4****Date Work Performed 3/30/00**

Engine is out on workover rig (Pennant Rig #4).

Daily Cost \$100 Cumulative Cost \$4,500**Injection Conversion****Report Date 4/3/00 Day 6****Date Work Performed 4/1/00**

Fish SV w/sandline. TOOH w/139 jts tbg breaking and applying Liquid-O-Ring to pins & collars. LD remainder of tbg string on float. TIH w/53 stds tbg to 3470', re-torque each connection. SDFN.

Daily Cost \$4,800 Cumulative Cost \$9,300**Injection Conversion****Report Date 4/4/00 Day 7****Date Work Performed 4/3/00**

Finish TIH w/tbg. RD BOP. Pump 50 bbls pkr fluid dwn csg. Set pkr @ 4533' and 139 jts tbg w/15,000# tension. Test csg & tbg to 1100 psi w/35 bbls pkr fluid. RDMO SU. Well ready for MIT on Wednesday.

Daily Cost \$6,400 Cumulative Cost \$15,700**Injection Conversion**

**SUMMARY WORKOVER REPORT****Report Date 4/5/00 Day 8****Injection Conversion****Date Work Performed 4/5/00**

Contacted Dennis Ingram with the State of Utah DOGM and Bahram Jafari with the EPA and set up time to conduct a MIT on the csg. On 4/5/00 the casing was pressured to 1350 psi w 0 psi on tbg. There was no loss of pressure charted in 30 minutes. Dennis witnessed the test.

Daily Cost \$0 Cumulative Cost \$15,700

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

OIL ☐ GAS ☐
WELL ☒ WELL ☐ OTHER ☐

2. NAME OF OPERATOR

INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER

Rt. 3 Box 3630, Myton Utah 84052
435-646-3721

4. LOCATION OF WELL

Footages 2083 FSL 679 FEL

QQ, SEC, T, R, M: NE/SE Section 28, T08S R17E

5. LEASE DESIGNATION AND SERIAL NO.

U-76241

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

GREATER BOUNDARY

8. WELL NAME and NUMBER

TAR SANDS FEDERAL 9-28-8-17

9. API NUMBER

43-013-32067

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

COUNTY DUCHESNE

STATE UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT:

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> ABANDON | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> MULTIPLE COMPLETION | <input type="checkbox"/> WATER SHUT OFF |
| <input type="checkbox"/> OTHER _____ | |

SUBSEQUENT REPORT OF:

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> ABANDON* | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> OTHER <u>Step Rate Test</u> | |

DATE WORK COMPLETED _____

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

A step rate test was conducted on the subject well on 1/9/01. Results indicate that the formation fracture gradient is .726 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 1340 psi. (fr. 1425)

13.

NAME & SIGNATURE: _____

Michael Guinn

TITLE

District Engineer

DATE 2/5/01

(This space for State use only)

4/94

**Approved by the
Utah Division of
Oil, Gas and Mining**

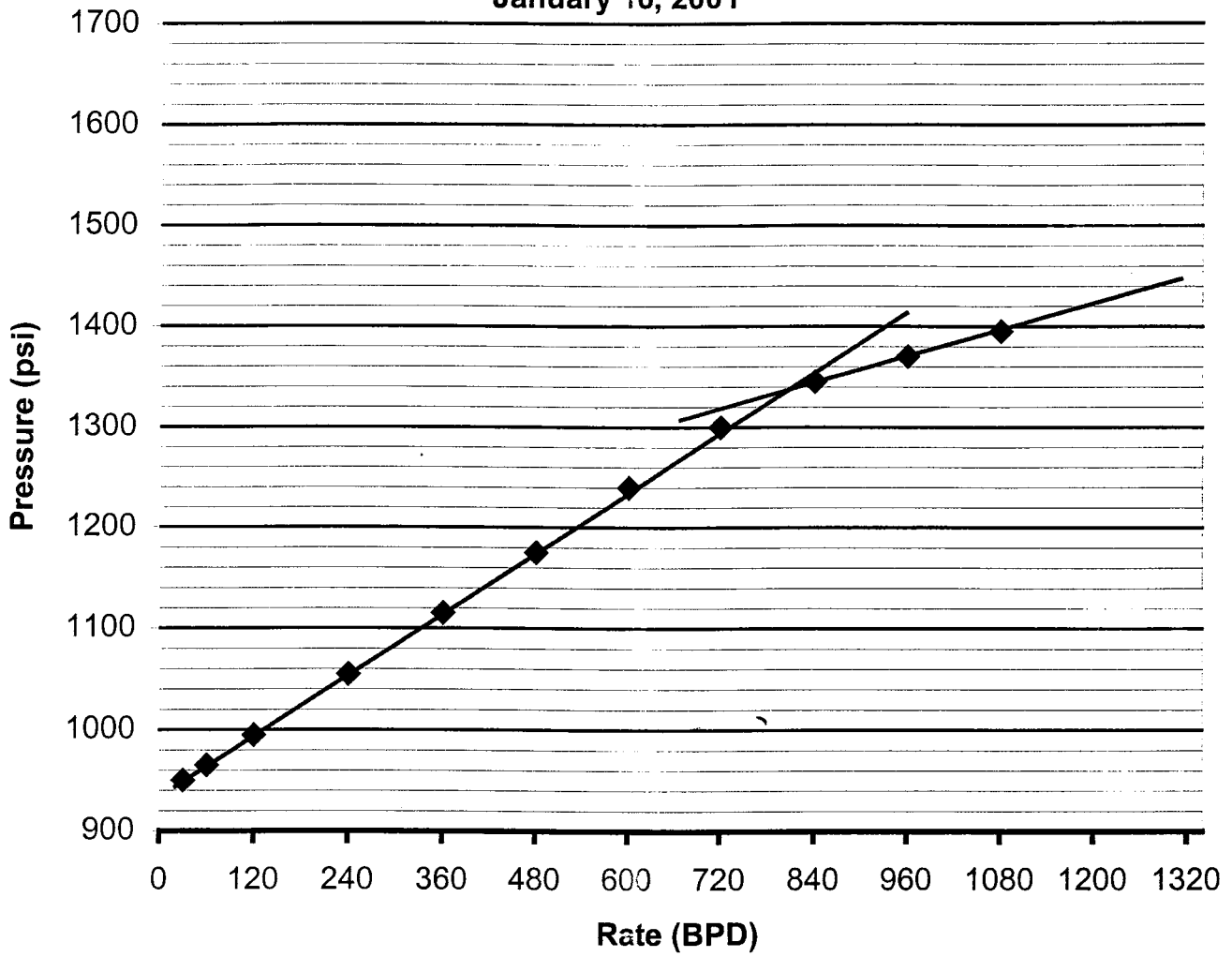
See Instructions On Reverse Side

Date: 02-14-01

By: [Signature]

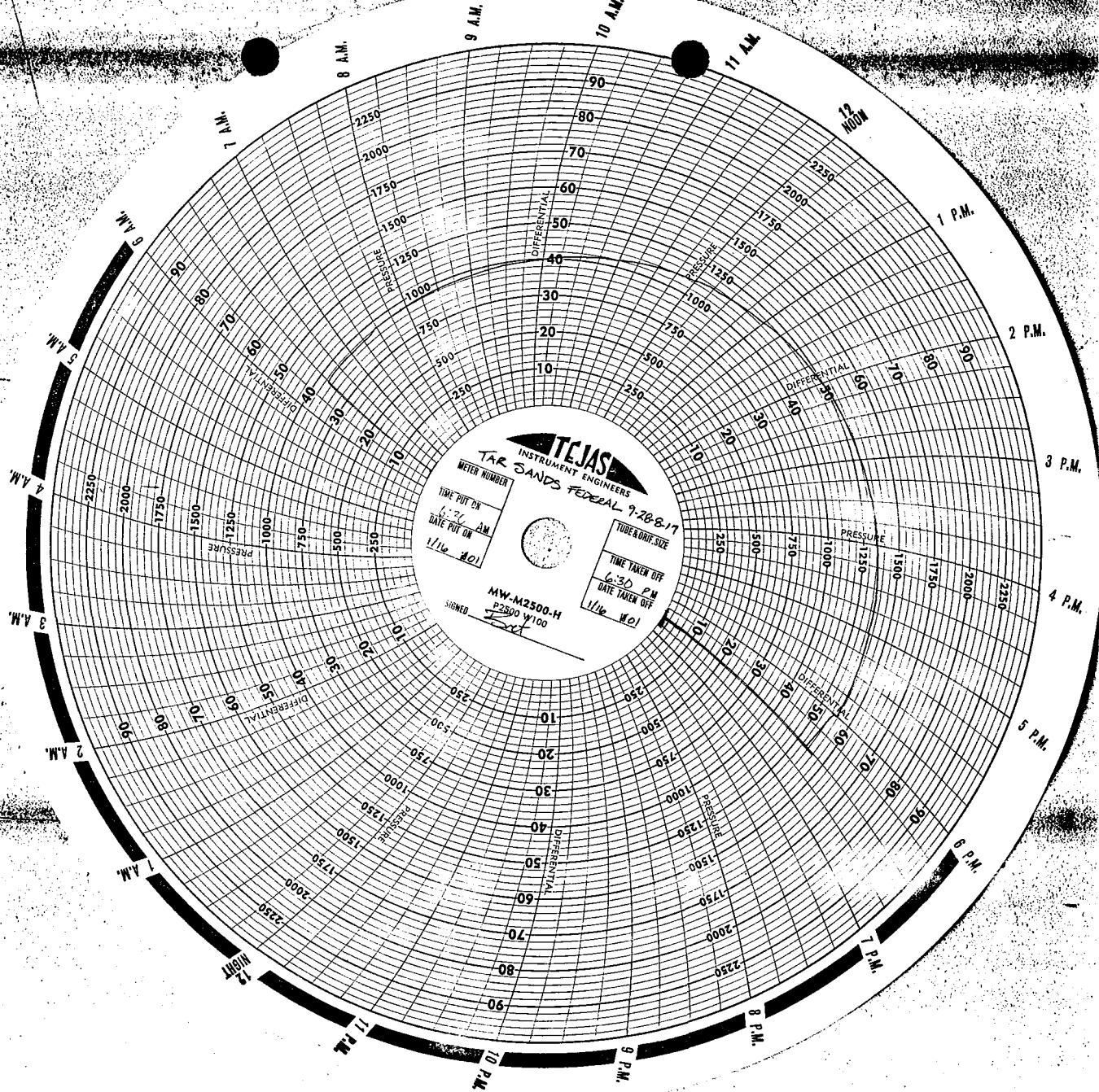
RECEIVED TO CHAIRMAN
02-14-01
CHD

● Tar Sands Federal 9-28-8-17 ●
 Greater Boundary Unit
 Step Rate Test
 January 16, 2001



Start Pressure: 940 psi
 ISIP: 1365 psi
 Fracture pressure: 1340 psi
 Top Perforation: 4609 feet
 FG: 0.726 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1 | 30 | 950 |
| 2 | 60 | 965 |
| 3 | 120 | 995 |
| 4 | 240 | 1055 |
| 5 | 360 | 1115 |
| 6 | 480 | 1175 |
| 7 | 600 | 1240 |
| 8 | 720 | 1300 |
| 9 | 840 | 1345 |
| 10 | 960 | 1370 |
| 11 | 1080 | 1395 |



STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

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OIL ☐ GAS ☐
WELL WELL OTHER ☒ **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
Rt. 3 Box 3630, Myton Utah 84052
435-646-3721

4. LOCATION OF WELL

Footages **2083 FSL 679 FEL**

QQ, SEC, T, R, M: **NE/SE Section 28, T8S R17E**

5. LEASE DESIGNATION AND SERIAL NO.

U-76241

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

GREATER BOUNDARY

8. WELL NAME and NUMBER

TAR SANDS FED 9-28-8-17

9. API NUMBER

43-013-32067

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTECOUNTY **DUCHESNE**STATE **UTAH**11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT:

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> ABANDON | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> MULTIPLE COMPLETION | <input type="checkbox"/> WATER SHUT OFF |
| <input type="checkbox"/> OTHER _____ | |

SUBSEQUENT REPORT OF:

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> ABANDON* | <input type="checkbox"/> NEW CONSTRUCTION |
| <input type="checkbox"/> REPAIR CASING | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS | <input type="checkbox"/> RECOMPLETE |
| <input type="checkbox"/> CONVERT TO INJECTION | <input type="checkbox"/> REPERFORATE |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> OTHER Step Rate Test | |

DATE WORK COMPLETED _____

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 12/16/03. Results from the test indicate that the fracture gradient is .762 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1505 psi.

13. NAME & SIGNATURE *Michael Guinn* TITLE Vice President of Operations

DATE 12/31/2003

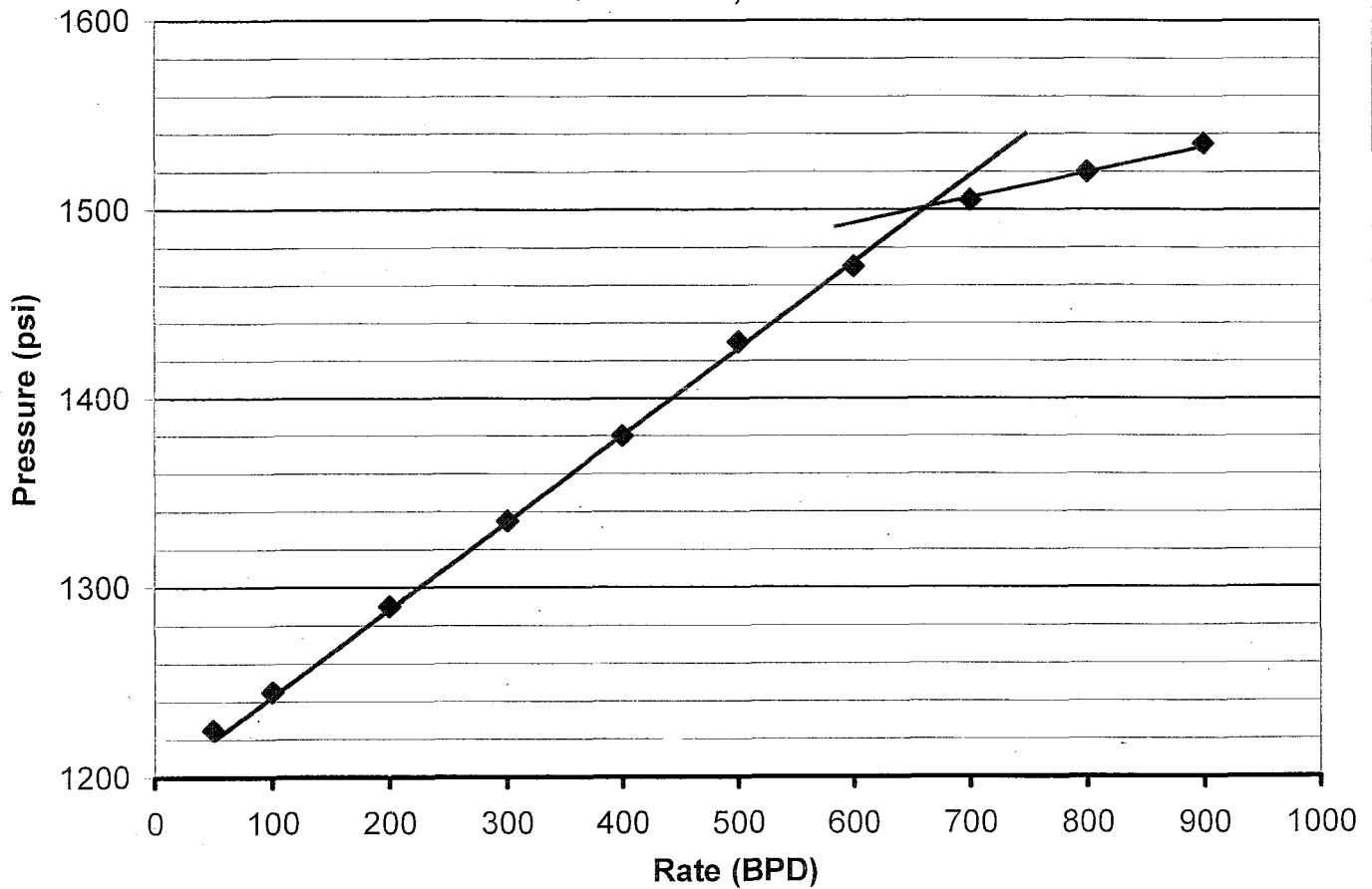
(This space for State use only)

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DIV. OF OIL, GAS & MINING

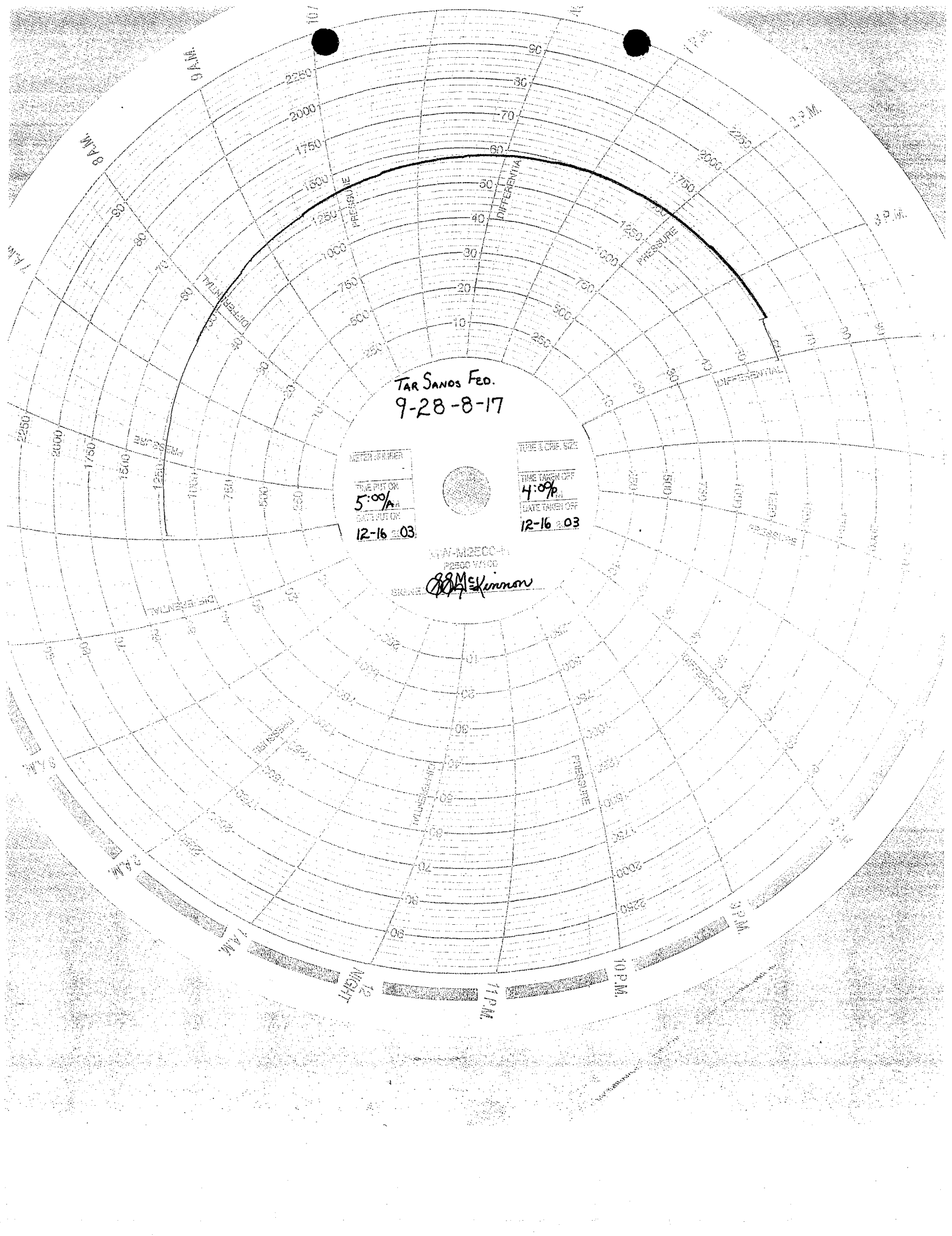
**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

Tar Sands Federal 9-28-8-17
Greater Boundry Unit
Step Rate Test
December 16, 2003



Start Pressure: 1210 psi
 Instantaneous Shut In Pressure (ISIP): 1515 psi
 Top Perforation: 4609 feet
 Fracture pressure (Pfp): 1505 psi
 FG: 0.762 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1 | 50 | 1225 |
| 2 | 100 | 1245 |
| 3 | 200 | 1290 |
| 4 | 300 | 1335 |
| 5 | 400 | 1380 |
| 6 | 500 | 1430 |
| 7 | 600 | 1470 |
| 8 | 700 | 1505 |
| 9 | 800 | 1520 |
| 10 | 900 | 1535 |



TAR SANOS FED.
9-28-8-17

METER NUMBER
TIME PUT ON
5:00 P.M.
DATE PUT ON
12-16-03

TYPE & CAP. SIZE
TIME TAKEN OFF
4:00 P.M.
DATE TAKEN OFF
12-16-03

W-1-M2500-1
P2500 W-100

SIGNE *88Meyerson*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

999 18TH STREET - SUITE 300

DENVER, CO 80202-2466

Phone 800-227-8917

<http://www.epa.gov/region08>

FEB 5 2004

Ref: 8P-W-GW

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Mr. Michael Guinn
Vice President - Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: UNDERGROUND INJECTION CONTROL (UIC)
APPROVAL TO INCREASE MAXIMUM
SURFACE INJECTION PRESSURE
EPA Permit No. UT20702-04511
Tar Sands Federal No. 9-28-8-17
NE NW Sec. 32 - T8S - R17E
Duchesne County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) Boundary Final Area Permit UT20702-00000 (Effective February 8, 1994), Part II, Section C.4.(b), permits the "Director" to authorize, by letter, an increase in the maximum surface injection pressure (MIP) for the Tar Sands Federal No. 9-28-8-17 following receipt and approval of a valid Step-Rate Test (SRT).

On December 31, 2003, Inland Production Company (Inland) submitted an SRT, dated December 16, 2003, which was received by the EPA on January 5, 2004. The EPA approves a fracture gradient of 0.762 psi/ft for the Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation injection interval.

As of the date of this letter, the EPA authorizes an increase in the maximum surface injection pressure (MIP) from 1340 psig to 1505 psig.

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FEB 09 2004

DIV. OF OIL, GAS & MINING



Printed on Recycled Paper

FG = 0.762 psi/ft
 D = 4609 feet: Top perforation
 SG = Specific gravity: 1.005

MIP = $[(0.762) - (0.433)(1.005)] 4609$

MIP = 1506 psig but reduced to 1505 psig.

Please send all compliance correspondence relative to this well to the ATTENTION: NATHAN WISER, at the letterhead address, citing MAIL CODE: 8ENF-UFO very prominently. You may call Mr. Wiser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,

Carl L Campbell for

Stephen S. Tuber
 Assistant Regional Administrator
 Office of Partnerships and
 Regulatory Assistance

cc: Maxine Natchees
 Chairperson
 Uintah & Ouray Business Committee
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Ut 84026

Elaine Willie
 Environmental Coordinator
 Ute Indian Tribe
 P.O. Box 460
 Fort Duchesne, UT 84026

Mr. Chester Mills
 Superintendent
 Bureau of Indian Affairs
 Uintah & Ouray Indian Agency
 P.O. Box 130
 Fort Duchesne, UT 84026

Mr. David Gerbig
 Operations Engineer
 Inland Production Company
 1401 Seventeenth Street - Suite 1000
 Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-00581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser
8ENF-UFO



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

| | | | | | |
|---------|--------|--------|--------|-------|--------|
| UTSL- | 15855 | 61052 | 73088 | 76561 | |
| 071572A | 16535 | 62848 | 73089 | 76787 | |
| 065914 | 16539 | 63073B | 73520A | 76808 | |
| | 16544 | 63073D | 74108 | 76813 | |
| | 17036 | 63073E | 74805 | 76954 | 63073X |
| | 17424 | 63073O | 74806 | 76956 | 63098A |
| | 18048 | 64917 | 74807 | 77233 | 68528A |
| UTU- | 18399 | 64379 | 74808 | 77234 | 72086A |
| | 19267 | 64380 | 74389 | 77235 | 72613A |
| 02458 | 26026A | 64381 | 74390 | 77337 | 73520X |
| 03563 | 30096 | 64805 | 74391 | 77338 | 74477X |
| 03563A | 30103 | 64806 | 74392 | 77339 | 75023X |
| 04493 | 31260 | 64917 | 74393 | 77357 | 76189X |
| 05843 | 33992 | 65207 | 74398 | 77359 | 76331X |
| 07978 | 34173 | 65210 | 74399 | 77365 | 76788X |
| 09803 | 34346 | 65635 | 74400 | 77369 | 77098X |
| 017439B | 36442 | 65967 | 74404 | 77370 | 77107X |
| 017985 | 36846 | 65969 | 74405 | 77546 | 77236X |
| 017991 | 38411 | 65970 | 74406 | 77553 | 77376X |
| 017992 | 38428 | 66184 | 74411 | 77554 | 78560X |
| 018073 | 38429 | 66185 | 74805 | 78022 | 79485X |
| 019222 | 38431 | 66191 | 74806 | 79013 | 79641X |
| 020252 | 39713 | 67168 | 74826 | 79014 | 80207X |
| 020252A | 39714 | 67170 | 74827 | 79015 | 81307X |
| 020254 | 40026 | 67208 | 74835 | 79016 | |
| 020255 | 40652 | 67549 | 74868 | 79017 | |
| 020309D | 40894 | 67586 | 74869 | 79831 | |
| 022684A | 41377 | 67845 | 74870 | 79832 | |
| 027345 | 44210 | 68105 | 74872 | 79833 | |
| 034217A | 44426 | 68548 | 74970 | 79831 | |
| 035521 | 44430 | 68618 | 75036 | 79834 | |
| 035521A | 45431 | 69060 | 75037 | 80450 | |
| 038797 | 47171 | 69061 | 75038 | 80915 | |
| 058149 | 49092 | 69744 | 75039 | 81000 | |
| 063597A | 49430 | 70821 | 75075 | | |
| 075174 | 49950 | 72103 | 75078 | | |
| 096547 | 50376 | 72104 | 75089 | | |
| 096550 | 50385 | 72105 | 75090 | | |
| | 50376 | 72106 | 75234 | | |
| | 50750 | 72107 | 75238 | | |
| 10760 | 51081 | 72108 | 76239 | | |
| 11385 | 52013 | 73086 | 76240 | | |
| 13905 | 52018 | 73087 | 76241 | | |
| 15392 | 58546 | 73807 | 76560 | | |



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

| | | |
|---|--------------|---|
| Well Name and Number See Attached List | | API Number |
| Location of Well | | Field or Unit Name See Attached List |
| Footage : | County : | Lease Designation and Number |
| QQ, Section, Township, Range: | State : UTAH | |

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Perf. Services Manager*

Approval Date: 9-20-04Comments: Note: Indian Country wells will require EPA approval.

(5/2003)

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SEP 20 2004
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU76241 |
| 2. NAME OF OPERATOR: Newfield Production Company | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2083 FSL 679 FEL | | 8. WELL NAME and NUMBER: TAR SANDS FED 9-28-8-17 |
| 5. PHONE NUMBER: 435.646.3721 | | 9. API NUMBER: 4301332067 |
| 6. QTR/QTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SE, 28, T8S, R17E | | 10. FIELD AND POOL, OR WILDCAT: Monument Butte |
| 7. COUNTY: Duchesne | | 8. STATE: Utah |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/06/2004 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Step Rate Test |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on October 6, 2004. Results from the test indicate that the fracture gradient is .783 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1605 psi.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

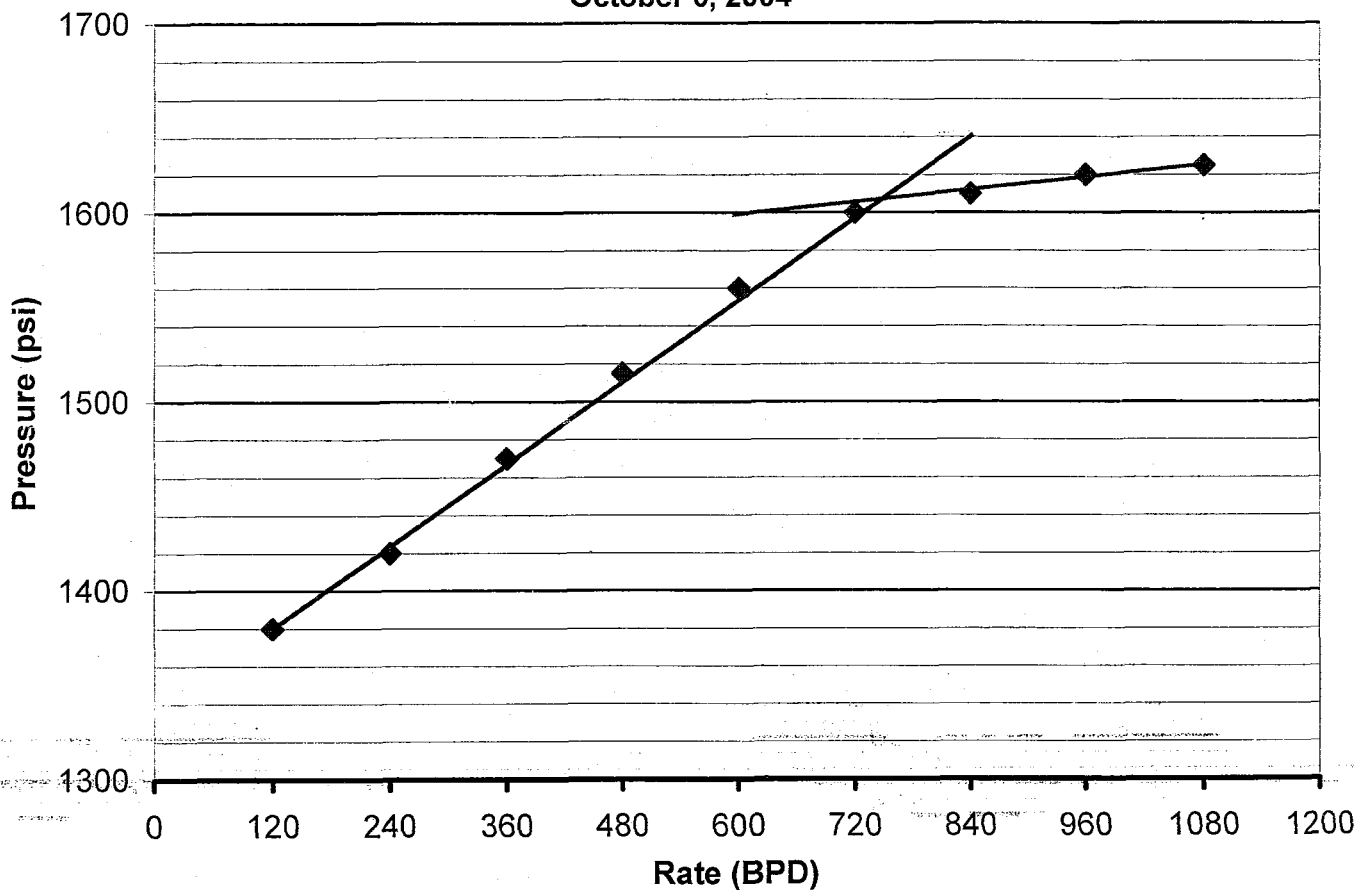
| | |
|---|----------------------------|
| NAME (PLEASE) Mike Guinn | TITLE Vice President of Op |
| SIGNATURE  | DATE October 08, 2004 |

(This space for State use only)

**RECEIVED
OCT 12 2004**

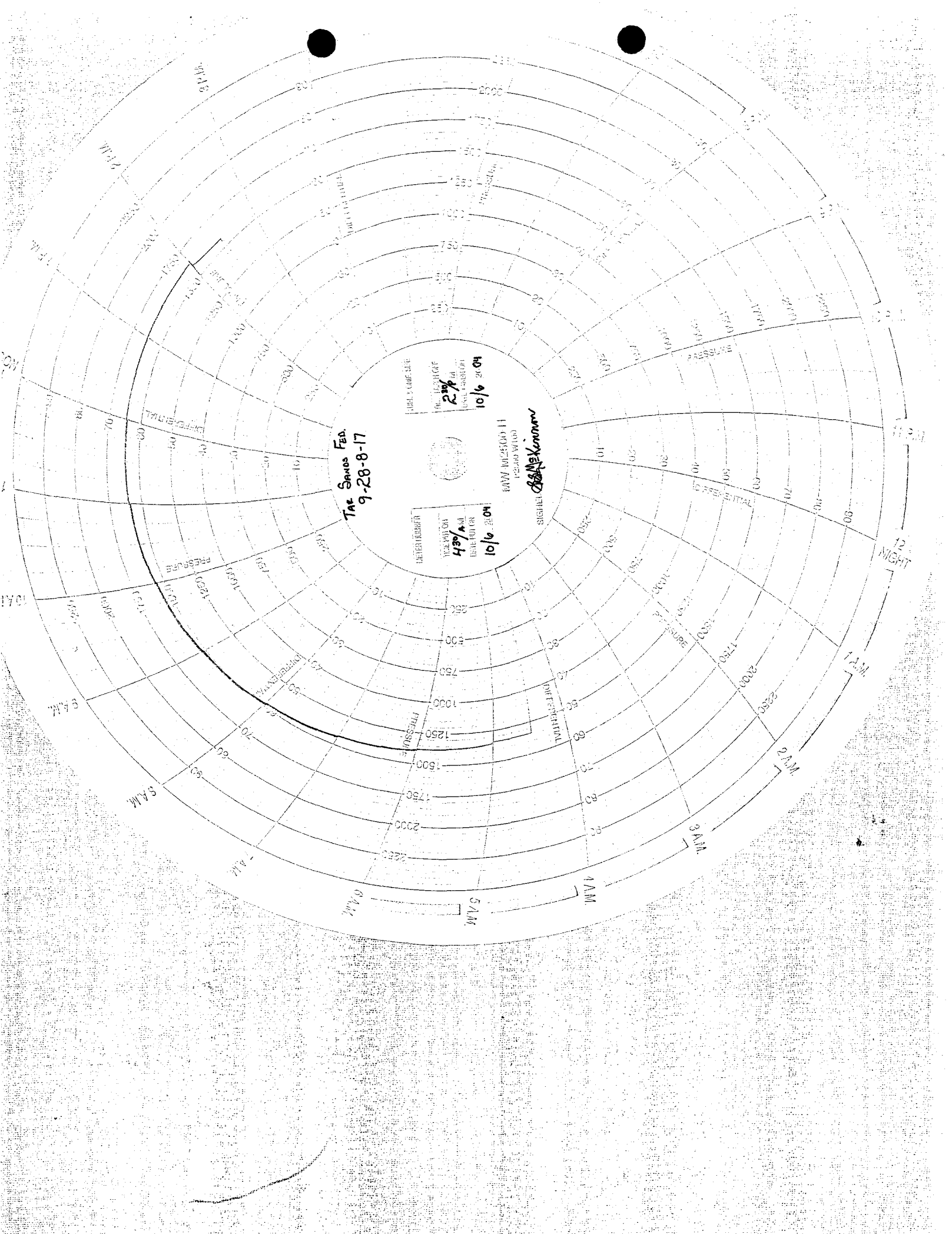
DIV. OF OIL, GAS & MINING

Tar Sands Federal 9-28-8-17
Greater Boundry Unit
Step Rate Test
October 6, 2004



Start Pressure: 1345 psi
Instantaneous Shut In Pressure (ISIP): 1605 psi
Top Perforation: 4609 feet
Fracture pressure (Pfp): 1605 psi
FG: 0.783 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1 | 120 | 1380 |
| 2 | 240 | 1420 |
| 3 | 360 | 1470 |
| 4 | 480 | 1515 |
| 5 | 600 | 1560 |
| 6 | 720 | 1600 |
| 7 | 840 | 1610 |
| 8 | 960 | 1620 |
| 9 | 1080 | 1625 |



OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****GREATER BOUNDARY (GR)****WELL(S)**

| NAME | SEC TWN RNG | | | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-----------------------------|-------------|------|------|------------|-----------|------------|-----------|-------------|
| GBU 3-27-8-17 | 27 | 080S | 170E | 4301332224 | 12391 | Federal | WI | A |
| GBU 5-27-8-17 | 27 | 080S | 170E | 4301332225 | 12391 | Federal | OW | P |
| GBU 12-27-8-17 | 27 | 080S | 170E | 4301332226 | 12391 | Federal | OW | P |
| GBU 1-27-8-17 | 27 | 080S | 170E | 4301332228 | 12391 | Federal | OW | P |
| GBU 2-27-8-17 | 27 | 080S | 170E | 4301332229 | 12391 | Federal | OW | P |
| GBU 4-27-8-17 | 27 | 080S | 170E | 4301332230 | 12391 | Federal | OW | P |
| GBU 6-27-8-17 | 27 | 080S | 170E | 4301332231 | 12391 | Federal | OW | P |
| GBU 7-27-8-17 | 27 | 080S | 170E | 4301332232 | 12391 | Federal | OW | P |
| GBU 8-27-8-17 | 27 | 080S | 170E | 4301332233 | 12391 | Federal | OW | P |
| GBU 9-27-8-17 | 27 | 080S | 170E | 4301332234 | 12391 | Federal | OW | P |
| GBU 10-27-8-17 | 27 | 080S | 170E | 4301332235 | 12391 | Federal | OW | P |
| GBU 11-27-8-17 | 27 | 080S | 170E | 4301332243 | 12391 | Federal | OW | P |
| GBU 13-27-8-17 | 27 | 080S | 170E | 4301332244 | 12391 | Federal | OW | P |
| GBU 14-27-8-17 | 27 | 080S | 170E | 4301332245 | 12391 | Federal | OW | P |
| TAR SANDS FED 9-28-8-17 | 28 | 080S | 170E | 4301332067 | 12391 | Federal | WI | A |
| TAR SANDS FED 8-28-8-17 | 28 | 080S | 170E | 4301332068 | 12391 | Federal | OW | P |
| TAR SANDS FED 7-28-8-17 | 28 | 080S | 170E | 4301332069 | 12391 | Federal | WI | A |
| TAR SANDS FED 15-28-8-17 | 28 | 080S | 170E | 4301332109 | 12391 | Federal | WI | A |
| TAR SANDS FED 16-28-8-17 | 28 | 080S | 170E | 4301332111 | 12391 | Federal | OW | P |
| GREATER BOUNDARY 11-28-8-17 | 28 | 080S | 170E | 4301332134 | 12391 | Federal | WI | A |
| | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | | |
|---|--|---|--|
| 1. TYPE OF WELL: | | 5. LEASE DESIGNATION AND SERIAL NUMBER: | |
| OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well | | UTU76241 | |
| 2. NAME OF OPERATOR: | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | |
| Newfield Production Company | | | |
| 3. ADDRESS OF OPERATOR: | | 7. UNIT or CA AGREEMENT NAME: | |
| Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | GREATER BOUNDARY II | |
| 4. LOCATION OF WELL: | | 8. WELL NAME and NUMBER: | |
| FOOTAGES AT SURFACE: 2083 FSL 679 FEL | | TAR SANDS FED 9-28-8-17 | |
| | | 9. API NUMBER: | |
| | | 4301332067 | |
| | | 10. FIELD AND POOL, OR WILDCAT: | |
| | | Monument Butte | |
| CTR/QTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SE, 28, T8S, R17E | | COUNTY: Duchesne | |
| | | STATE: Utah | |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|---|
| | SubDate | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/08/2005 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - 5 Year MIT |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 6-7-05 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above well. (Tar Sands Fed 9-28-8-17) Permission was given at that time to perform the test on 6-8-05. On 6-8-05 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1590 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20702-04511 API# 43-013-32067.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager
SIGNATURE *Kathy Chapman* DATE 06/08/2005

(This space for State use only)

RECEIVED

JUN 10 2005

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 06/08/05
Test conducted by: Dale Giles
Others present: _____

| | | |
|--|---|--|
| Well Name: <u>Tar Sands Fed. 9-28-8-17</u> | Type: <u>ER SWD</u> | Status: <u>AC TA UC</u> |
| Field: <u>Greater Boundary unit</u> | | |
| Location: _____ | Sec: <u>28 T 8 N 15 R 17 E</u> | County: <u>Duchesne</u> State: <u>UT</u> |
| Operator: <u>Newfield Production Co.</u> | | |
| Last MIT: _____ | Maximum Allowable Pressure: <u>1605</u> | PSIG |

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☐ No
Test after well rework? ☐ Yes ☐ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 130 bpd

Pre-test casing/tubing annulus pressure: 0 psig

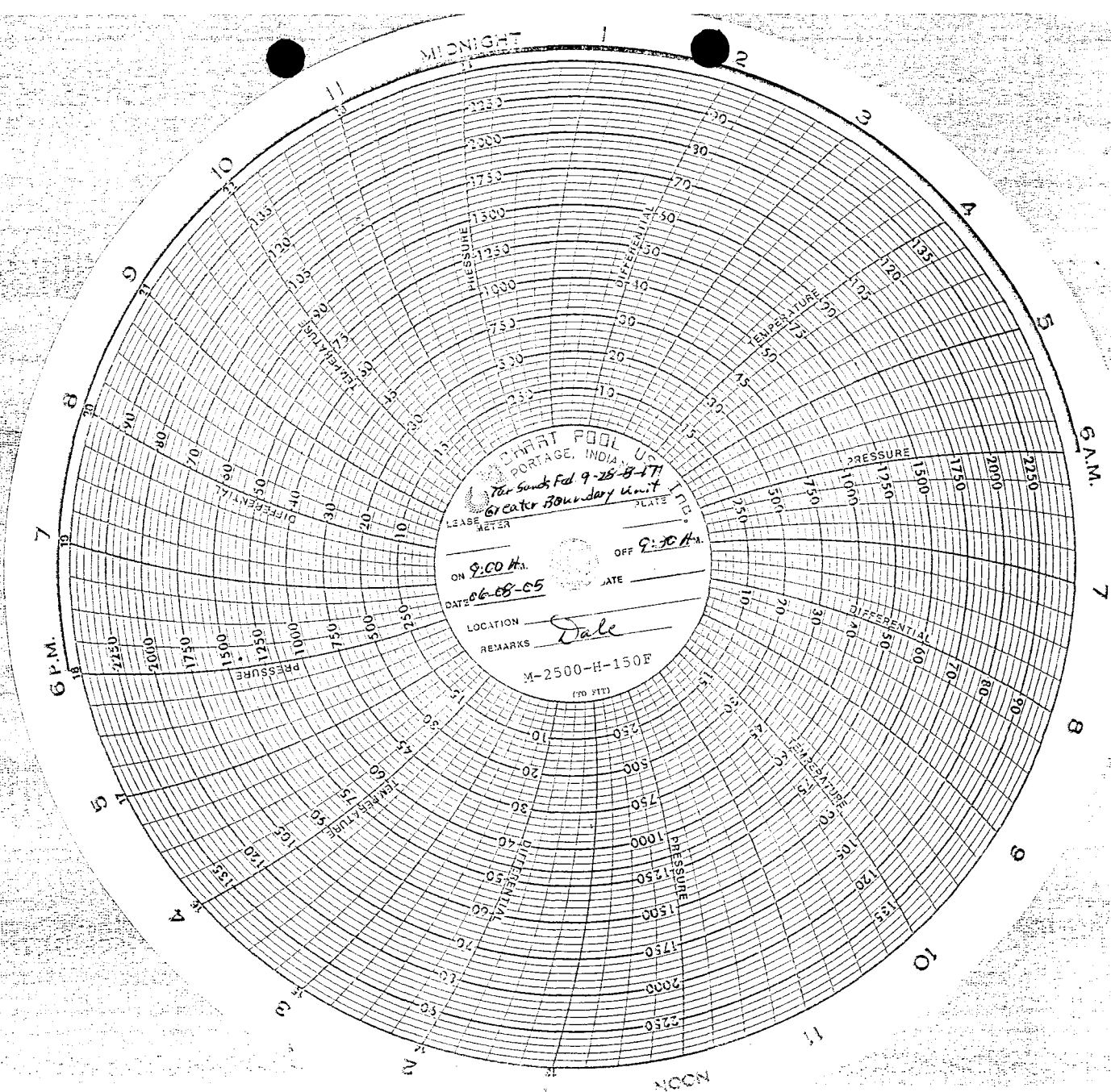
| MIT DATA TABLE | Test #1 | Test #2 | Test #3 |
|------------------------|--|---|---|
| TUBING | PRESSURE | | |
| Initial Pressure | <u>1590</u> psig | psig | psig |
| End of test pressure | <u>1590</u> psig | psig | psig |
| CASING / TUBING | ANNULUS PRESSURE | | |
| 0 minutes | <u>1150</u> psig | psig | psig |
| 5 minutes | <u>1150</u> psig | psig | psig |
| 10 minutes | <u>1150</u> psig | psig | psig |
| 15 minutes | <u>1150</u> psig | psig | psig |
| 20 minutes | <u>1150</u> psig | psig | psig |
| 25 minutes | <u>1150</u> psig | psig | psig |
| 30 minutes | <u>1150</u> psig | psig | psig |
| _____ minutes | psig | psig | psig |
| _____ minutes | psig | psig | psig |
| RESULT | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-76241 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: GMBU |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2083 FSL 679 FEL | | 8. WELL NAME and NUMBER: TAR SANDS FED 9-28-8-17 |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 28, T8S, R17E | | 9. API NUMBER: 4301332067 |
| | | 10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

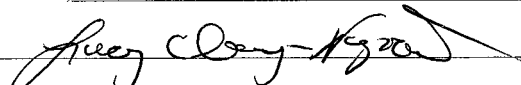
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/10/2010 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Step Rate Test |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on February 10, 2010. Results from the test indicate that the fracture gradient is .801 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1605 psi to 1665 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 02/16/2010

(This space for State use only)

RECEIVED
MAR 08 2010
DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 02/16/2010

Operator:

Newfield Production Company

Well:

Tar Sands Federal 9-28-8-17

Permit #:

UT20702-04511

Enter the following data :

Specific Gravity (sg) of injectate = 1.015 g/cc
Depth to top perforation (D) = 4609 feet 4609
Top of permitted injection zone depth (blank=use top perforation to calculate fg) = _____ feet
Estimated Formation Parting Pressure (Pfp) from SRT chart = 1665 psi 1665
Instantaneous Shut In Pressure (ISIP) from SRT = 1681 psi 1681
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder = _____ psi no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.801 psi/ft.

where: $fg = Pbhp / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1681

D = depth used = 4609

Pbhp used = 3691

Calculated Bottom Hole Parting Pressure (Pbhp) = 3691 psi

3690.632

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1665

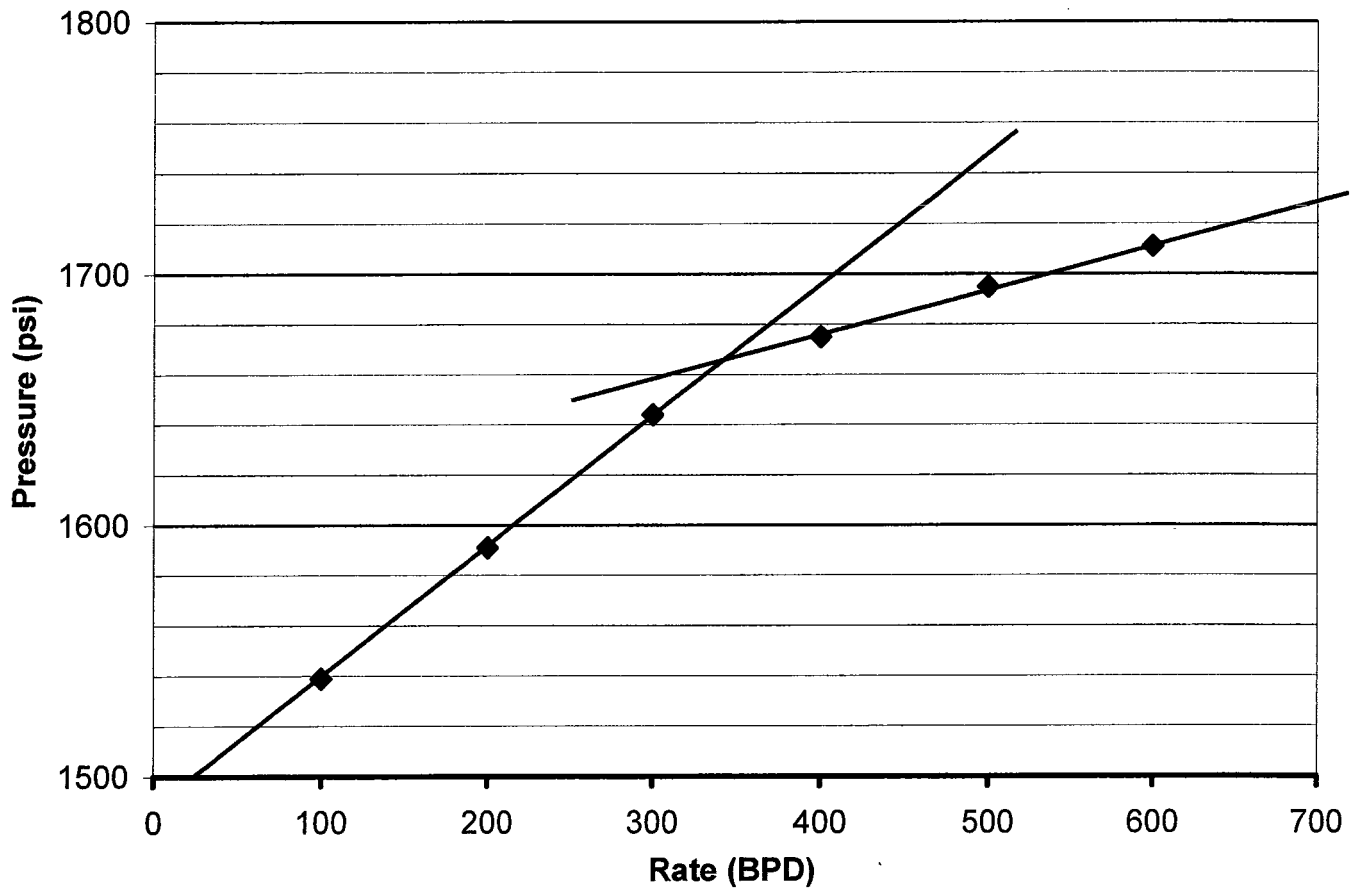
Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

Maximum Allowable Injection Pressure (MAIP) = 1665 psig
(rounded down to nearest 5 psig)

D = depth used = 4609

MAIP = $fg \cdot (0.433 \cdot SG) \cdot D = 1666.177$

**Tar Sands Federal 9-28-8-17
Greater Monument Butte Unit
Step Rate Test
February 10, 2010**



Start Pressure: 1478 psi
Instantaneous Shut In Pressure (ISIP): 1681 psi
Top Perforation: 4609 feet
Fracture pressure (Pfp): 1665 psi
FG: 0.801 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1 | 100 | 1539 |
| 2 | 200 | 1591 |
| 3 | 300 | 1644 |
| 4 | 400 | 1675 |
| 5 | 500 | 1695 |
| 6 | 600 | 1711 |

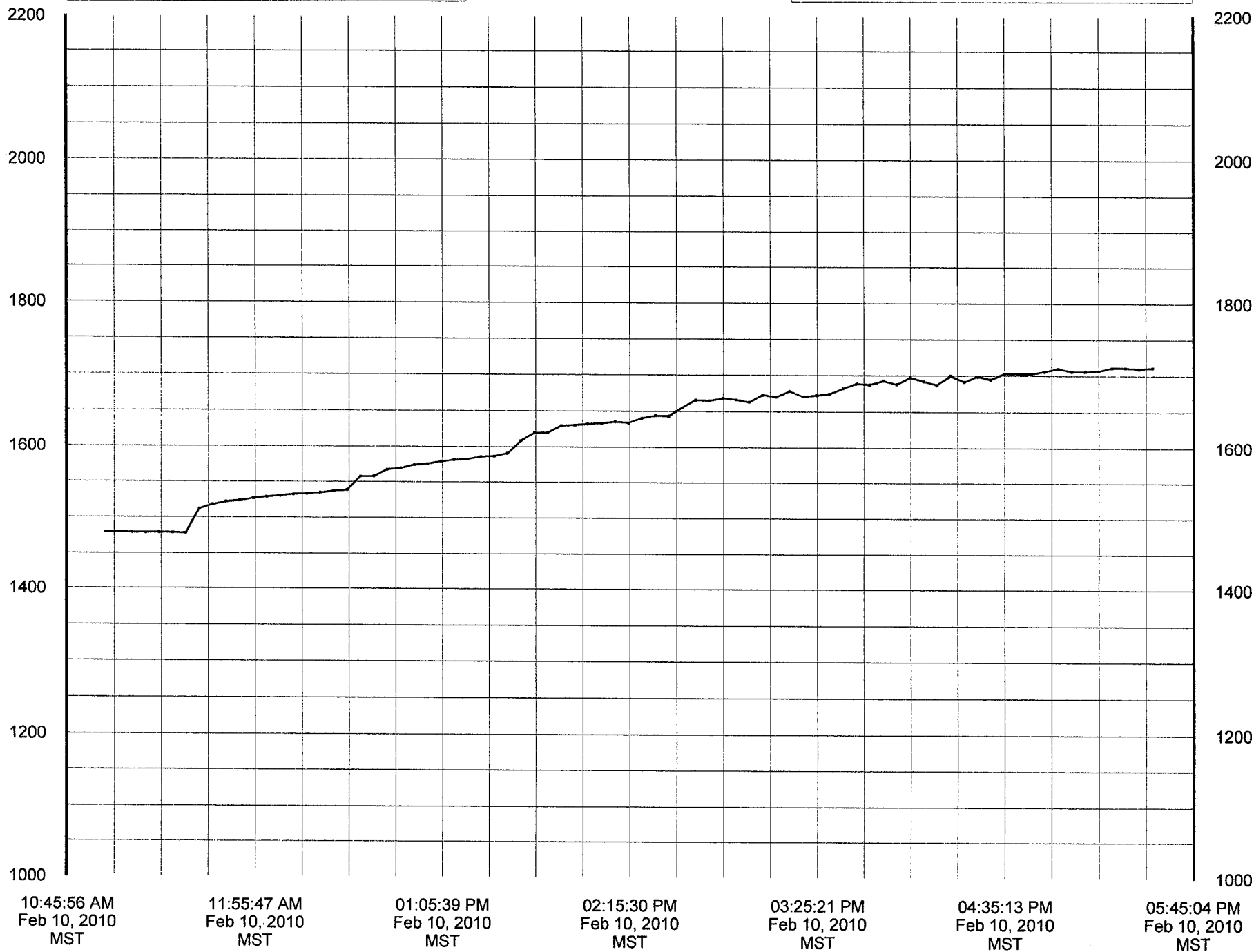
PSIA

Absolute Pressure

Tar Sands Federal 9-28-8-17 SRT
(2-10-10)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

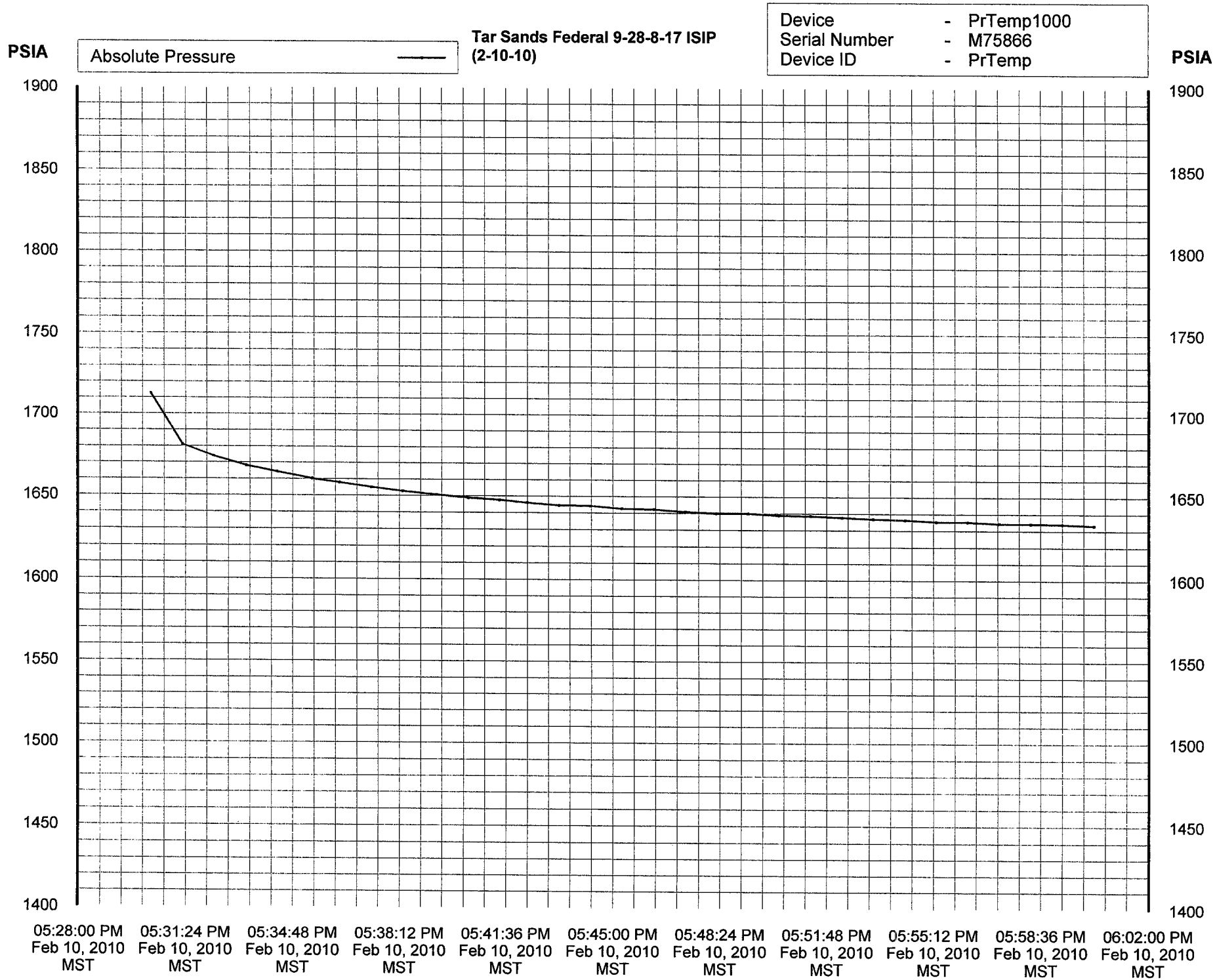
PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Feb 12, 2010 10:39:55 AM MST
 File Name: S:\Welinfo\PTC® Instruments 2.00\Tar Sands federal 9-28-8-17 SRT (2-10-10).csv
 Title: Tar Sands Federal 9-28-8-17 SRT (2-10-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Feb 10, 2010 11:00:00 AM MST
 Data End Date: Feb 10, 2010 05:30:00 PM MST
 Reading Rate: 2 Seconds
 Readings: 1 to 79 of 79
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

| <u>Reading</u> | <u>Date and Time (MST)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1 | Feb 10, 2010 11:00:00 AM | 1479.400 | PSIA |
| 2 | Feb 10, 2010 11:04:59 AM | 1479.400 | PSIA |
| 3 | Feb 10, 2010 11:10:00 AM | 1478.800 | PSIA |
| 4 | Feb 10, 2010 11:14:59 AM | 1478.600 | PSIA |
| 5 | Feb 10, 2010 11:19:59 AM | 1478.800 | PSIA |
| 6 | Feb 10, 2010 11:24:59 AM | 1478.600 | PSIA |
| 7 | Feb 10, 2010 11:29:59 AM | 1478.200 | PSIA |
| 8 | Feb 10, 2010 11:34:59 AM | 1511.600 | PSIA |
| 9 | Feb 10, 2010 11:39:59 AM | 1518.000 | PSIA |
| 10 | Feb 10, 2010 11:44:59 AM | 1521.800 | PSIA |
| 11 | Feb 10, 2010 11:50:01 AM | 1523.600 | PSIA |
| 12 | Feb 10, 2010 11:54:59 AM | 1526.400 | PSIA |
| 13 | Feb 10, 2010 11:59:59 AM | 1528.800 | PSIA |
| 14 | Feb 10, 2010 12:04:59 PM | 1530.400 | PSIA |
| 15 | Feb 10, 2010 12:09:59 PM | 1532.400 | PSIA |
| 16 | Feb 10, 2010 12:15:00 PM | 1533.400 | PSIA |
| 17 | Feb 10, 2010 12:19:59 PM | 1534.800 | PSIA |
| 18 | Feb 10, 2010 12:24:59 PM | 1537.200 | PSIA |
| 19 | Feb 10, 2010 12:30:00 PM | 1538.800 | PSIA |
| 20 | Feb 10, 2010 12:34:59 PM | 1557.400 | PSIA |
| 21 | Feb 10, 2010 12:40:00 PM | 1557.800 | PSIA |
| 22 | Feb 10, 2010 12:45:01 PM | 1567.400 | PSIA |
| 23 | Feb 10, 2010 12:50:06 PM | 1569.200 | PSIA |
| 24 | Feb 10, 2010 12:55:05 PM | 1573.800 | PSIA |
| 25 | Feb 10, 2010 01:00:00 PM | 1575.400 | PSIA |
| 26 | Feb 10, 2010 01:05:06 PM | 1578.800 | PSIA |
| 27 | Feb 10, 2010 01:10:00 PM | 1581.200 | PSIA |
| 28 | Feb 10, 2010 01:15:00 PM | 1582.200 | PSIA |
| 29 | Feb 10, 2010 01:20:00 PM | 1585.800 | PSIA |
| 30 | Feb 10, 2010 01:25:01 PM | 1586.600 | PSIA |
| 31 | Feb 10, 2010 01:30:00 PM | 1590.800 | PSIA |
| 32 | Feb 10, 2010 01:35:00 PM | 1608.400 | PSIA |
| 33 | Feb 10, 2010 01:40:00 PM | 1619.400 | PSIA |
| 34 | Feb 10, 2010 01:45:06 PM | 1620.200 | PSIA |
| 35 | Feb 10, 2010 01:50:06 PM | 1629.600 | PSIA |
| 36 | Feb 10, 2010 01:55:09 PM | 1630.400 | PSIA |
| 37 | Feb 10, 2010 02:00:00 PM | 1632.000 | PSIA |
| 38 | Feb 10, 2010 02:05:06 PM | 1633.200 | PSIA |
| 39 | Feb 10, 2010 02:10:06 PM | 1635.200 | PSIA |
| 40 | Feb 10, 2010 02:15:06 PM | 1633.800 | PSIA |
| 41 | Feb 10, 2010 02:20:01 PM | 1640.600 | PSIA |
| 42 | Feb 10, 2010 02:25:06 PM | 1644.400 | PSIA |
| 43 | Feb 10, 2010 02:30:00 PM | 1643.600 | PSIA |
| 44 | Feb 10, 2010 02:35:00 PM | 1655.000 | PSIA |
| 45 | Feb 10, 2010 02:40:00 PM | 1665.600 | PSIA |
| 46 | Feb 10, 2010 02:45:07 PM | 1664.800 | PSIA |
| 47 | Feb 10, 2010 02:50:11 PM | 1668.200 | PSIA |
| 48 | Feb 10, 2010 02:55:00 PM | 1666.400 | PSIA |
| 49 | Feb 10, 2010 03:00:00 PM | 1663.000 | PSIA |
| 50 | Feb 10, 2010 03:05:00 PM | 1673.200 | PSIA |
| 51 | Feb 10, 2010 03:10:00 PM | 1670.400 | PSIA |
| 52 | Feb 10, 2010 03:15:00 PM | 1678.600 | PSIA |
| 53 | Feb 10, 2010 03:20:00 PM | 1671.000 | PSIA |
| 54 | Feb 10, 2010 03:25:06 PM | 1672.800 | PSIA |
| 55 | Feb 10, 2010 03:30:00 PM | 1675.000 | PSIA |
| 56 | Feb 10, 2010 03:35:00 PM | 1682.600 | PSIA |
| 57 | Feb 10, 2010 03:40:00 PM | 1689.000 | PSIA |
| 58 | Feb 10, 2010 03:45:00 PM | 1687.600 | PSIA |
| 59 | Feb 10, 2010 03:50:00 PM | 1693.000 | PSIA |

| | | | |
|----|--------------------------|----------|------|
| 60 | Feb 10, 2010 03:55:00 PM | 1688.200 | PSIA |
| 61 | Feb 10, 2010 04:00:00 PM | 1697.600 | PSIA |
| 62 | Feb 10, 2010 04:05:00 PM | 1692.400 | PSIA |
| 63 | Feb 10, 2010 04:10:00 PM | 1687.400 | PSIA |
| 64 | Feb 10, 2010 04:15:07 PM | 1699.600 | PSIA |
| 65 | Feb 10, 2010 04:20:10 PM | 1691.800 | PSIA |
| 66 | Feb 10, 2010 04:25:00 PM | 1699.000 | PSIA |
| 67 | Feb 10, 2010 04:30:00 PM | 1695.200 | PSIA |
| 68 | Feb 10, 2010 04:35:00 PM | 1702.400 | PSIA |
| 69 | Feb 10, 2010 04:40:00 PM | 1702.600 | PSIA |
| 70 | Feb 10, 2010 04:45:00 PM | 1702.600 | PSIA |
| 71 | Feb 10, 2010 04:50:00 PM | 1705.400 | PSIA |
| 72 | Feb 10, 2010 04:55:00 PM | 1710.000 | PSIA |
| 73 | Feb 10, 2010 05:00:07 PM | 1705.600 | PSIA |
| 74 | Feb 10, 2010 05:05:01 PM | 1705.400 | PSIA |
| 75 | Feb 10, 2010 05:10:06 PM | 1706.600 | PSIA |
| 76 | Feb 10, 2010 05:15:00 PM | 1711.000 | PSIA |
| 77 | Feb 10, 2010 05:20:00 PM | 1711.000 | PSIA |
| 78 | Feb 10, 2010 05:25:00 PM | 1709.400 | PSIA |
| 79 | Feb 10, 2010 05:30:00 PM | 1711.200 | PSIA |



Report Name: PrTemp1000 Data Table
 Report Date: Feb 12, 2010 10:39:47 AM MST
 File Name: C:\Program Files\PTC@ Instruments 2.00\Tar Sands federal 9-28-8-17 ISIP (2-10-10).csv
 Title: Tar Sands Federal 9-28-8-17 ISIP (2-10-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Feb 10, 2010 05:30:18 PM MST
 Data End Date: Feb 10, 2010 06:00:17 PM MST
 Reading Rate: 2 Seconds
 Readings: 1 to 31 of 31
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

| <u>Reading</u> | <u>Date and Time (MST)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1 | Feb 10, 2010 05:30:18 PM | 1712.400 | PSIA |
| 2 | Feb 10, 2010 05:31:18 PM | 1681.000 | PSIA |
| 3 | Feb 10, 2010 05:32:17 PM | 1673.800 | PSIA |
| 4 | Feb 10, 2010 05:33:19 PM | 1668.000 | PSIA |
| 5 | Feb 10, 2010 05:34:18 PM | 1664.400 | PSIA |
| 6 | Feb 10, 2010 05:35:25 PM | 1660.200 | PSIA |
| 7 | Feb 10, 2010 05:36:17 PM | 1657.800 | PSIA |
| 8 | Feb 10, 2010 05:37:18 PM | 1655.000 | PSIA |
| 9 | Feb 10, 2010 05:38:18 PM | 1652.600 | PSIA |
| 10 | Feb 10, 2010 05:39:23 PM | 1650.600 | PSIA |
| 11 | Feb 10, 2010 05:40:24 PM | 1648.800 | PSIA |
| 12 | Feb 10, 2010 05:41:24 PM | 1647.600 | PSIA |
| 13 | Feb 10, 2010 05:42:17 PM | 1646.000 | PSIA |
| 14 | Feb 10, 2010 05:43:18 PM | 1644.400 | PSIA |
| 15 | Feb 10, 2010 05:44:17 PM | 1644.200 | PSIA |
| 16 | Feb 10, 2010 05:45:17 PM | 1642.600 | PSIA |
| 17 | Feb 10, 2010 05:46:18 PM | 1642.200 | PSIA |
| 18 | Feb 10, 2010 05:47:18 PM | 1640.800 | PSIA |
| 19 | Feb 10, 2010 05:48:17 PM | 1640.000 | PSIA |
| 20 | Feb 10, 2010 05:49:17 PM | 1640.000 | PSIA |
| 21 | Feb 10, 2010 05:50:17 PM | 1639.000 | PSIA |
| 22 | Feb 10, 2010 05:51:17 PM | 1638.600 | PSIA |
| 23 | Feb 10, 2010 05:52:17 PM | 1637.800 | PSIA |
| 24 | Feb 10, 2010 05:53:17 PM | 1637.000 | PSIA |
| 25 | Feb 10, 2010 05:54:18 PM | 1636.400 | PSIA |
| 26 | Feb 10, 2010 05:55:17 PM | 1635.400 | PSIA |
| 27 | Feb 10, 2010 05:56:17 PM | 1635.200 | PSIA |
| 28 | Feb 10, 2010 05:57:17 PM | 1634.400 | PSIA |
| 29 | Feb 10, 2010 05:58:17 PM | 1634.200 | PSIA |
| 30 | Feb 10, 2010 05:59:17 PM | 1634.000 | PSIA |
| 31 | Feb 10, 2010 06:00:17 PM | 1633.200 | PSIA |

Tar Sands Federal 9-28-8-17 Rate Sheet (2-10-10)

Step # 1

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 11:35 | 11:40 | 11:45 | 11:50 | 11:55 | 12:00 |
| Rate: | 100.6 | 100.6 | 100.6 | 100.6 | 100.5 | 100.5 |

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 12:05 | 12:10 | 12:15 | 12:20 | 12:25 | 12:30 |
| Rate: | 100.5 | 100.4 | 100.4 | 100.3 | 100.3 | 100.3 |

Step # 2

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 12:35 | 12:40 | 12:45 | 12:50 | 12:55 | 1:00 |
| Rate: | 200.5 | 200.5 | 200.4 | 200.4 | 200.4 | 200.4 |

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 1:05 | 1:10 | 1:15 | 1:20 | 1:25 | 1:30 |
| Rate: | 200.3 | 200.3 | 200.3 | 200.3 | 200.3 | 200.2 |

Step # 3

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 1:35 | 1:40 | 1:45 | 1:50 | 1:55 | 2:00 |
| Rate: | 300.5 | 300.5 | 300.5 | 300.4 | 300.4 | 300.4 |

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 2:05 | 2:10 | 2:15 | 2:20 | 2:25 | 2:30 |
| Rate: | 300.4 | 300.3 | 300.3 | 300.3 | 300.2 | 300.2 |

Step # 4

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 2:35 | 2:40 | 2:45 | 2:50 | 2:55 | 3:00 |
| Rate: | 400.5 | 400.4 | 400.4 | 400.3 | 400.3 | 400.3 |

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 3:05 | 3:10 | 3:15 | 3:20 | 3:25 | 3:30 |
| Rate: | 400.2 | 400.2 | 400.2 | 400.1 | 400.1 | 400.1 |

Step # 5

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 3:35 | 3:40 | 3:45 | 3:50 | 3:55 | 4:00 |
| Rate: | 500.4 | 500.4 | 500.3 | 500.2 | 500.2 | 500.2 |

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 4:05 | 4:10 | 4:15 | 4:20 | 4:25 | 4:30 |
| Rate: | 500.2 | 500.1 | 500.1 | 500.1 | 500.1 | 500.1 |

Step # 6

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 4:35 | 4:40 | 4:45 | 4:50 | 4:55 | 5:00 |
| Rate: | 600.7 | 600.7 | 600.7 | 600.6 | 600.5 | 600.5 |

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| Time: | 5:05 | 5:10 | 5:15 | 5:20 | 5:25 | 5:30 |
| Rate: | 600.4 | 600.4 | 600.3 | 600.3 | 600.3 | 600.2 |

| | | | | | | |
|-------|--|--|--|--|--|--|
| Time: | | | | | | |
| Rate: | | | | | | |

| | | | | | | |
|-------|--|--|--|--|--|--|
| Time: | | | | | | |
| Rate: | | | | | | |

| | | | | | | |
|-------|--|--|--|--|--|--|
| Time: | | | | | | |
| Rate: | | | | | | |

| | | | | | | |
|-------|--|--|--|--|--|--|
| Time: | | | | | | |
| Rate: | | | | | | |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAR 30 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

RECEIVED

APR 07 2010

DIV. OF OIL, GAS & MINING

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RE: Minor Permit Modification
Authorization to Continue Injection
UIC Permit UT20702-04511
Well: Tar Sands Federal 9-28-8-17
NESE Sec. 28-T8S-R17E
Duchesne County, UT
API No.: 43-013-32067

Dear Mr. Guinn:

The Newfield Production Company (Newfield) letter regarding the February 10, 2010, Step Rate Test (SRT) on the Tar Sands Federal 9-28-8-17 well was received by the Environmental Protection Agency Region 8 (EPA) on March 3, 2010. This submittal demonstrated the fracture gradient to be 0.801 psi/ft which was confirmed by EPA's analysis of the data. The Maximum Allowable Injection Pressure (MAIP) is hereby increased to 1,665 psig from the 1,605 psig specified in the Final Permit.

EPA also received the results of the February 25, 2010, Radioactive Tracer Survey (RTS) for the Tar Sands Federal 9-28-8-17 well and reviewed them on March 18, 2010. EPA determined that the RTS result demonstrates the presence of adequate cement to prevent the upward migration of injection fluids behind casing from the injection zone at the MAIP of 1,665 psig.

As of the date of this letter, EPA authorizes continued injection into the Tar Sands Federal 9-28-8-17 well under the terms and conditions of EPA UIC Permit UT20702-04511 at the MAIP of 1,665 psig.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a SRT that measures the fracture parting pressure and determines the fracture gradient at the injection depth and location. A current copy of EPA guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS is required to demonstrate the presence of adequate cement to prevent the upward migration of injection fluids behind casing from the injection zone at the higher MAIP.

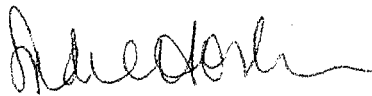
Responsibility for permit compliance and enforcement has been transferred to the EPA Region 8 UIC Technical Enforcement Program Office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing the well name and UIC Permit number on all correspondence regarding this well:


US EPA, Region 8
Attn: Nathan Wiser
MC: ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Jason Deardorff at 303-312-6583 or 800-227-8917 (ext. 312-6583).

Sincerely,



 Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

Nathan Wiser
EPA Region 8 UIC Enforcement
8ENF-UFO



April 23, 2010

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: 5 Year MIT
Tar Sands 9-28-8-17
API #43-013-32067

Dear Mr. Brad Hill:

A 5-year MIT was conducted on the subject well. Attached are the sundry, tabular sheet and a copy of the chart. If you have any questions please give me a call at 435-646-4874.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lucy Chavez-Naupoto".

Lucy Chavez-Naupoto
Administrative Assistant

RECEIVED

APR 27 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-76241 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: GMBU |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: GMBU |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2083 FSL 679 FEL | | 8. WELL NAME and NUMBER: TAR SANDS FED 9-28-8-17 |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 28, T8S, R17E | | 9. API NUMBER: 4301332067 |
| | | 10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

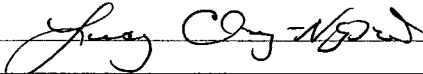
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|--|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Five Year MIT |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/22/2010 | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 04/14/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 04/22/2010 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1469 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20702-04511 API# 43-013-32067

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 04/23/2010

(This space for State use only)

RECEIVED
APR 27 2010
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 04 / 22 / 2010
Test conducted by: Lynn Monson
Others present: _____

| | | | |
|---|------------------------|------------------------------------|---|
| Well Name: <u>Tar Sands</u> | Date: <u>9-28-8-17</u> | Type: <u>ER SWD</u> | Status: <u>AC TA UC</u> |
| Field: <u>Monument Butte</u> | | | |
| Location: <u>NE/SE</u> | Sec: <u>28</u> | T <u>8</u> N <u>15</u> R <u>17</u> | County: <u>Duchesne</u> State: <u>Ut.</u> |
| Operator: <u>Newfield</u> | | | |
| Last MIT: <u>06 / 08 / 2005</u> Maximum Allowable Pressure: _____ | | | PSIG |

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

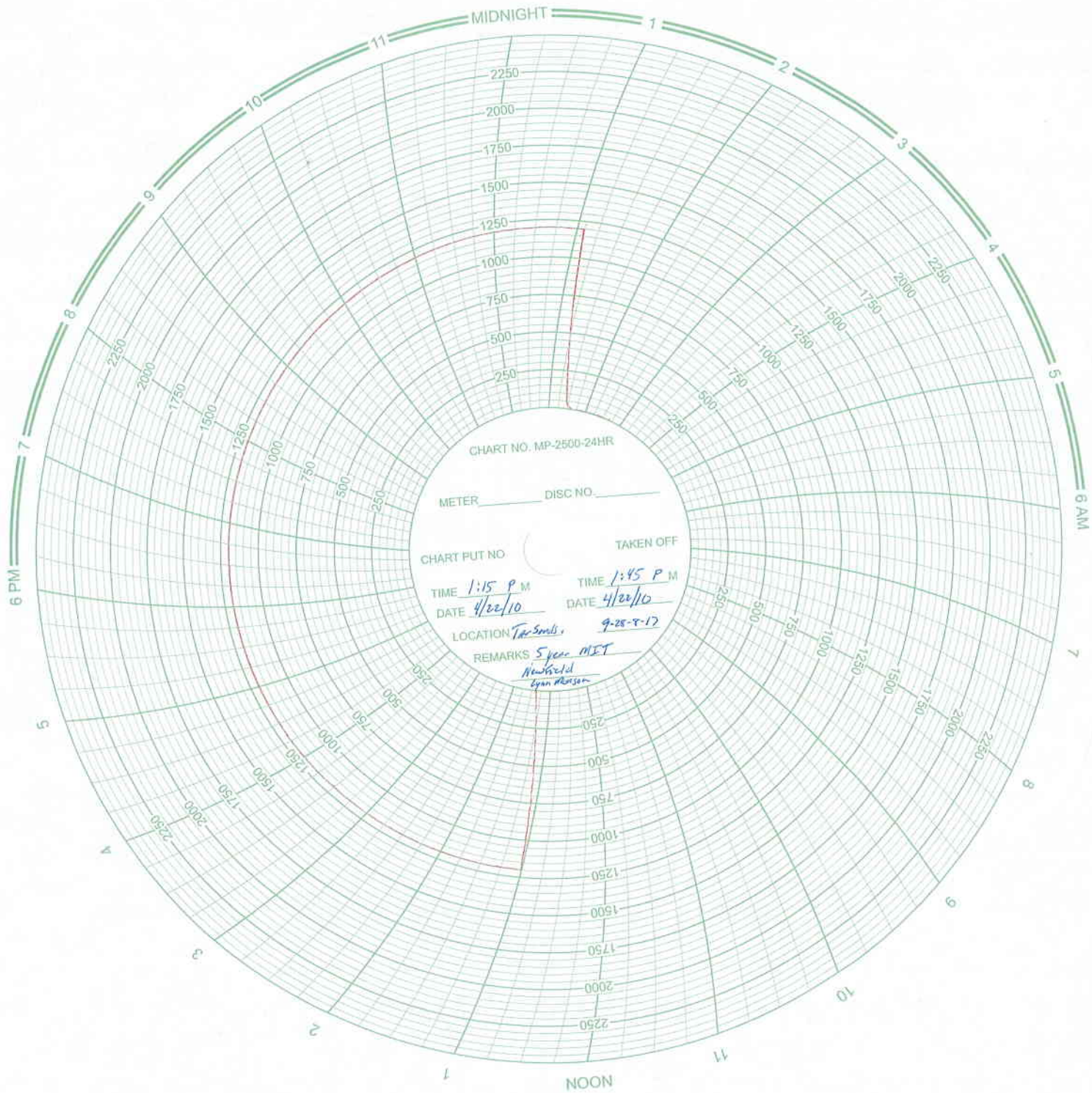
| MIT DATA TABLE | Test #1 | Test #2 | Test #3 |
|---|--|---|---|
| TUBING PRESSURE | | | |
| Initial Pressure | <u>1469</u> psig | psig | psig |
| End of test pressure | <u>1469</u> psig | psig | psig |
| CASING / TUBING ANNULUS PRESSURE | | | |
| 0 minutes | <u>1200</u> psig | psig | psig |
| 5 minutes | <u>1200</u> psig | psig | psig |
| 10 minutes | <u>1200</u> psig | psig | psig |
| 15 minutes | <u>1200</u> psig | psig | psig |
| 20 minutes | <u>1200</u> psig | psig | psig |
| 25 minutes | <u>1200</u> psig | psig | psig |
| 30 minutes | <u>1200</u> psig | psig | psig |
| _____ minutes | _____ psig | psig | psig |
| _____ minutes | _____ psig | psig | psig |
| RESULT | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



| | | |
|---|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241 |
| 1. TYPE OF WELL Water Injection Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 8. WELL NAME and NUMBER: TAR SANDS FED 9-28-8-17 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2083 FSL 0679 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 28 Township: 08.0S Range: 17.0E Meridian: S | | 9. API NUMBER: 43013320670000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/17/2015 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input checked="" type="checkbox"/> OTHER | |
| | OTHER: <input type="text" value="5 YR MIT"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 03/17/2015 the casing was pressured up to 1277 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1484 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04511 | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 24, 2015 | | |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 3/23/2015 | |

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 3/17/2015Test conducted by: Shannon Lazenby

Others present: _____

| | | | |
|---|--|---|-------------------------|
| Well Name: <u>Tar Sands Federal 9-28-17</u> | | Type: <u>ER SWD</u> | Status: <u>AC TA UC</u> |
| Field: <u>Greater Monument Butte</u> | | | |
| Location: <u>9-28-17 NE/4 Sec: 28 T 35 N/S R 17 E/W</u> | | County: <u>Duchesne</u> | State: <u>ut</u> |
| Operator: <u>Shannon Lazenby</u> | | | |
| Last MIT: <u>1/1</u> | | Maximum Allowable Pressure: <u>1509</u> | <u>PSIG</u> |

Is this a regularly scheduled test?

☒ Yes ☐ No

Initial test for permit?

☐ Yes ☐ No

Test after well rework?

☐ Yes ☐ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1484 psig

| MIT DATA TABLE | Test #1 | Test #2 | Test #3 |
|---|--|---|---|
| TUBING PRESSURE | | | |
| Initial Pressure | 1484 psig | psig | psig |
| End of test pressure | 1484 psig | psig | psig |
| CASING / TUBING ANNULUS PRESSURE | | | |
| 0 minutes | 1277 psig | psig | psig |
| 5 minutes | 1277 psig | psig | psig |
| 10 minutes | 1277 psig | psig | psig |
| 15 minutes | 1277 psig | psig | psig |
| 20 minutes | 1277 psig | psig | psig |
| 25 minutes | 1277 psig | psig | psig |
| 30 minutes | 1277 psig | psig | psig |
| _____ minutes | psig | psig | psig |
| _____ minutes | psig | psig | psig |
| RESULT | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

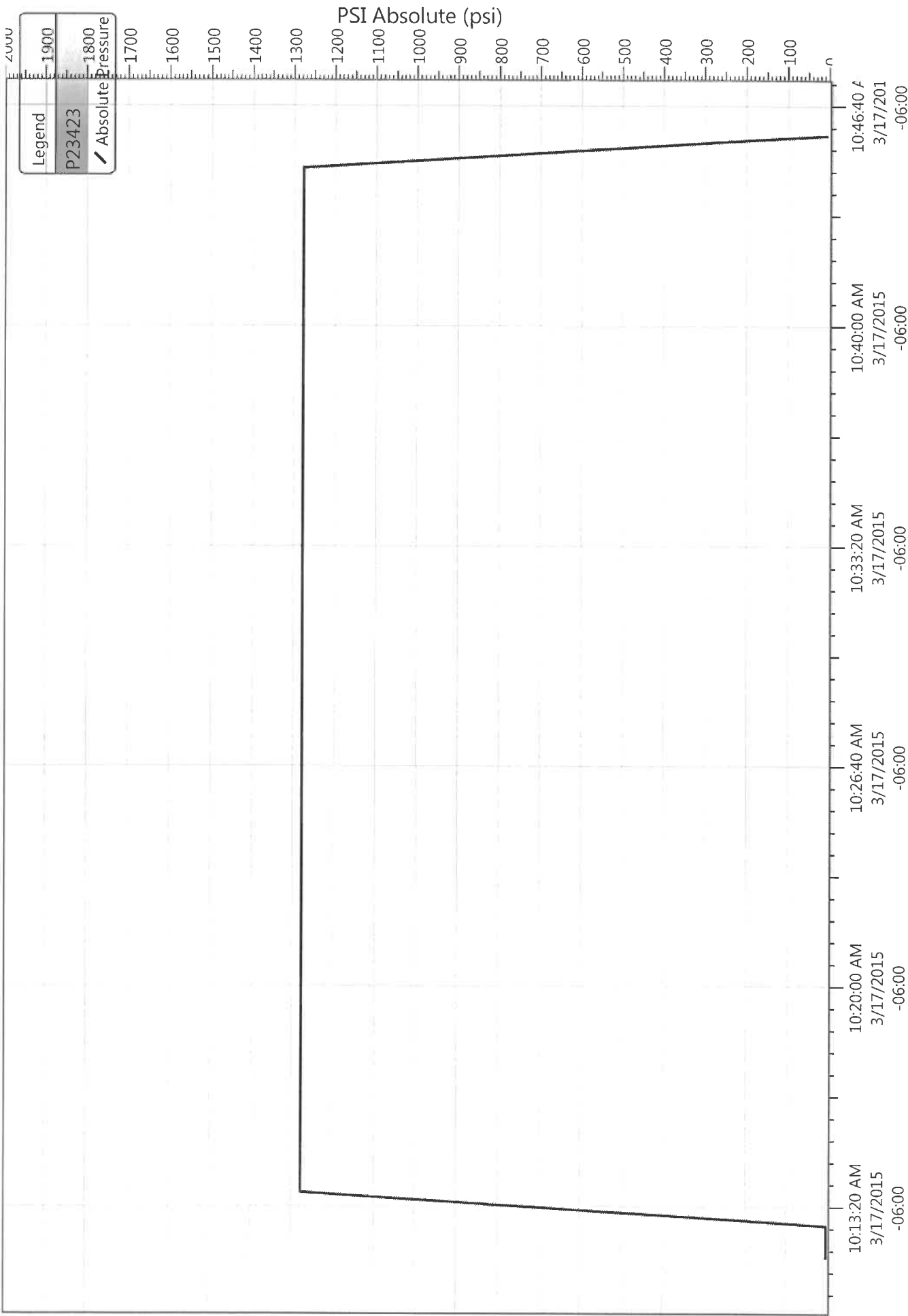
Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

9-28-8-17 5 yr. MIT
3/17/2015 10:11:18 AM



Tar Sands Federal 9-28-8-17

Spud Date: 6/25/98
Put on Production: 8/24/98
GL: 5191' KB: 5201'

Injection Wellbore Diagram

Initial Production: 44 BOPD
56 MCFD: 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295')
DEPTH LANDED: 295'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt, & 15 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (6129')
SET AT: 6140'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Premium modified mixed & 380 sxs class G
CEMENT TOP AT: 390' per cement bond log (Schlumberger)

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 139 jts. (4512.79')
SEATING NIPPLE: 2-7/8" (1.10')
SET LANDED AT: 4525'
CE @: 4529'
TOTAL STRING LENGTH: EOT @ 4533'

TOC @ 390'

FRAC JOB

8/12/98 5896'-5998' Frac CP-1 & CP-2 sand as follows: 100,500# 20/40 sand in 533 bbls Viking 1-25 fluid. Perfs broke back @ 2520 psi. Treated @ avg press of 1070 psi w/avg rate of 32 BPM. ISIP: 1460 psi, 5-min 1380 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

8/14/98 5579'-5593' Frac A-3 sand as follows: 96,850# 20/40 sand in 534 bbls Viking 1-25 fluid. Perfs broke back @ 3470 psi. Treated @ avg press of 1790 psi w/avg rate of 28.6 BPM. ISIP: 2200 psi, 5-min 2050 psi. Flowback on 12/64 choke for 4 hours and died.

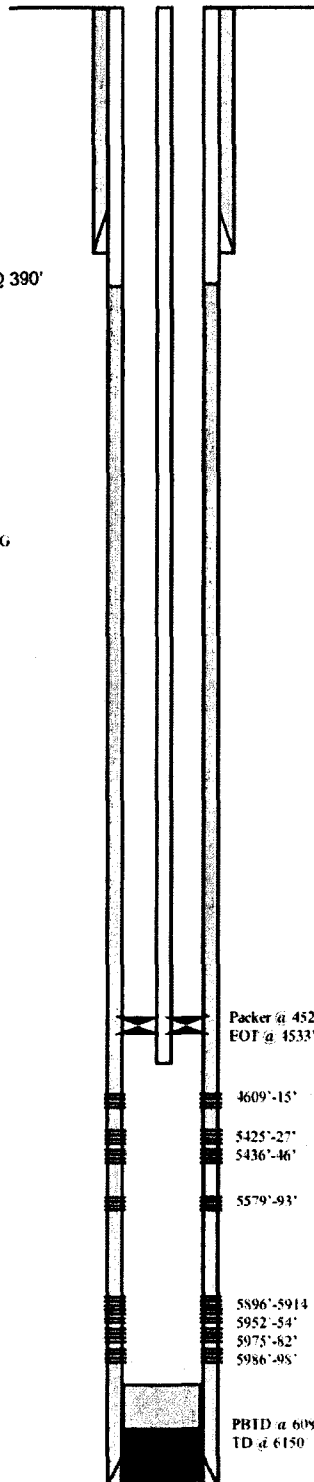
8/17/98 5425'-5446' Frac B-2 sand as follows: 90,000# 20/40 sand in 490 bbls Viking 1-25 fluid. Perfs broke back @ 3820 psi. Treated @ avg press of 1335 psi w/avg rate of 25.1 BPM. ISIP: 1840 psi, 5-min SI - 1600 psi. Flowback on 12/64 choke for 4 hours and died.

8/19/98 4609'-4615' Frac GB-6 sand as follows: 81,900# 20/40 sand in 411 bbls Viking 1-25 fluid. Perfs broke back @ 3100 psi. Treated @ avg press of 1970 psi w/avg rate of 24.7 BPM. ISIP: 2420 psi, 5-min SI 2100 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

09/18/98 Parted Rods
01/04/00 Tubing Leak
04/04/00 Convert to Injection well
06/08/00 Packer Leak
06/12/00 Workover MIT
06/08/05 5 yr MIT
04/22/10 5 yr MIT

PERFORATION RECORD

8/11/98 5896'-5914' 2 JSPP 36 holes
8/11/98 5952'-5954' 2 JSPP 4 holes
8/11/98 5975'-5972' 2 JSPP 14 holes
8/11/98 5986'-5998' 2 JSPP 14 holes
8/13/98 5579'-5593' 4 JSPP 56 holes
8/15/98 5425'-5427' 4 JSPP 8 holes
8/15/98 5436'-5446' 4 JSPP 40 holes
8/13/98 4609'-4615' 4 JSPP 24 holes



NEWFIELD

Tar Sands Federal 9-28-8-17

2083 FSL 679 FEL

NESE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32067; Lease #U-76241

ICN 06-21-11